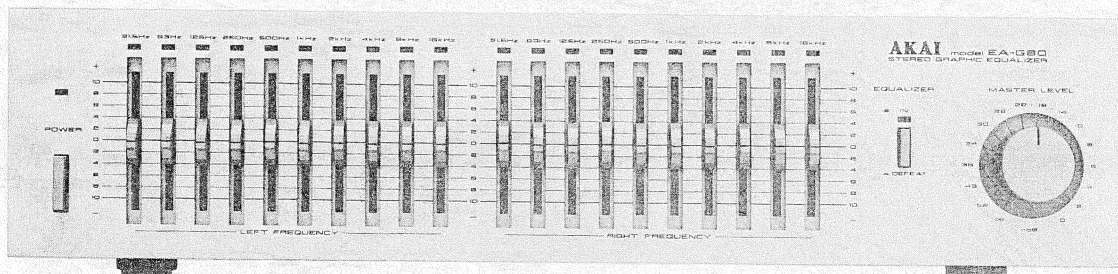
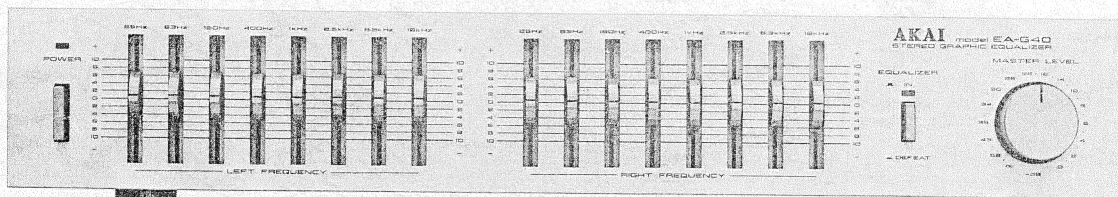


AKAI SERVICE MANUAL

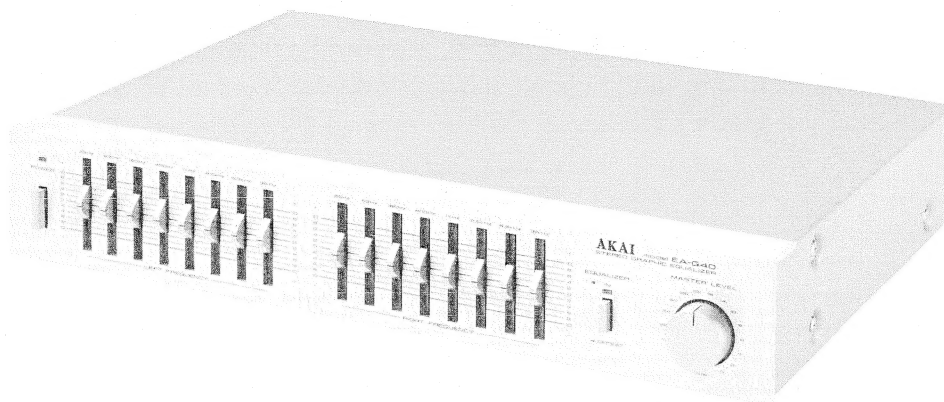
EA-G40,
EA-G80



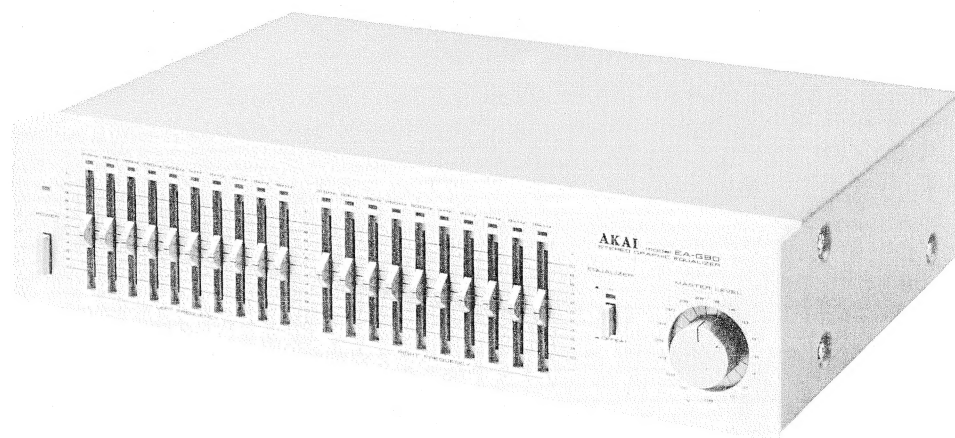
STEREO GRAPHIC EQUALIZER

MODEL **EA-G40**

MODEL **EA-G80**



EA-G40



EA-G80

STEREO GRAPHIC EQUALIZER

MODEL **EA-G40**

MODEL **EA-G80**

ALSO APPLICABLE TO BLACK PANEL MODEL

SECTION 1	SERVICE MANUAL	3
SECTION 2	PARTS LIST	19
SECTION 3	SCHEMATIC DIAGRAM	35

SECTION 1

SERVICE MANUAL

TABLE OF CONTENTS

I.	TECHNICAL DATA	4
	1. MODEL EA-G40	4
	2. MODEL EA-G80	4
II.	VOLTAGE CONVERSION	5
	1. MODEL EA-G40	5
	2. MODEL EA-G80	5
III.	ADJUSTMENT (Only for model EA-G80)	6
IV.	CLASSIFICATION OF VARIOUS P.C BOARDS	7
	1. P.C BOARD TITLES AND IDENTIFICATION NUMBERS	7
	2. MODEL EA-G40 COMPOSITION OF VARIOUS P.C BOARDS	8
	3. MODEL EA-G80 COMPOSITION OF VARIOUS P.C BOARDS	12

For basic adjustments, measuring methods, and operating principles, refer to GENERAL TECHNICAL MANUAL.

I. TECHNICAL DATA

1. MODEL EA-G40

INPUT SENSITIVITY/IMPEDANCE/ SIGNAL TO NOISE RATIO (IHF "A") INPUT	1 V/47 kohms/100 dB
OUTPUT LEVEL/IMPEDANCE TAPE REC OUTPUT	1 V/600 ohms 1 V/600 ohms
RATED LOAD IMPEDANCE	47 kohms
FREQUENCY RESPONSE	10 Hz to 100 kHz \pm 1 dB
TOTAL HARMONIC DISTORTION (20 Hz to 20 kHz)	0.005% at output 1 V
CHANNEL SEPARATION (Shorted Circuit)	80 dB
CENTER FREQUENCY	25 Hz, 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz 6.3 kHz, 16 kHz
VARIABLE RANGE	\pm 10 dB (each center frequency)
SEMICONDUCTORS	Transistors 18, Diodes 7, ICs 16
POWER REQUIREMENTS	120 V, 60 Hz for USA and Canada 220 V, 50 Hz for Europe except UK 240 V, 50 Hz for UK and Australia 110 V/220 V/240 V, 50/60 Hz internally switchable for other countries
POWER CONSUMPTION	15 W for U/T, CSA and AAL Models
DIMENSIONS	440 (W) \times 70 (H) \times 290 (D) mm (17.3 \times 2.8 \times 11.4 inches)
WEIGHT	5.1 kg (11.2 lbs)

2. MODEL EA-G80

INPUT SENSITIVITY/IMPEDANCE/ SIGNAL TO NOISE RATIO (IHF "A") INPUT	1 V/47 kohms/100 dB
OUTPUT LEVEL/IMPEDANCE TAPE REC OUTPUT	1 V/600 ohms 1 V/600 ohms
RATED LOAD IMPEDANCE	47 kohms
FREQUENCY RESPONSE	10 Hz to 100 kHz \pm 1 dB
TOTAL HARMONIC DISTORTION (20 Hz to 20 kHz)	0.005% at output 1 V
CHANNEL SEPARATION (Shorted Circuit)	80 dB
CENTER FREQUENCY	31.5 Hz, 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz
VARIABLE RANGE	\pm 10 dB (each center frequency)
SEMICONDUCTORS	Transistors 54, Diodes 34, ICs 42, FETs 2
POWER REQUIREMENTS	120 V, 60 Hz for USA and Canada 220 V, 50 Hz for Europe except UK 240 V, 50 Hz for UK and Australia 110 V/220 V/240 V, 50/60 Hz internally switchable for other countries
POWER CONSUMPTION	15 W for U/T, CSA and AAL Models
DIMENSIONS	440 (W) \times 97 (H) \times 290 (D) mm (17.3 \times 3.8 \times 11.4 inches)
WEIGHT	6.8 kg (15.0 lbs)

* For improvement purposes, specifications and design are subject to change without notice.

II. VOLTAGE CONVERSION

1. MODEL EA-G40

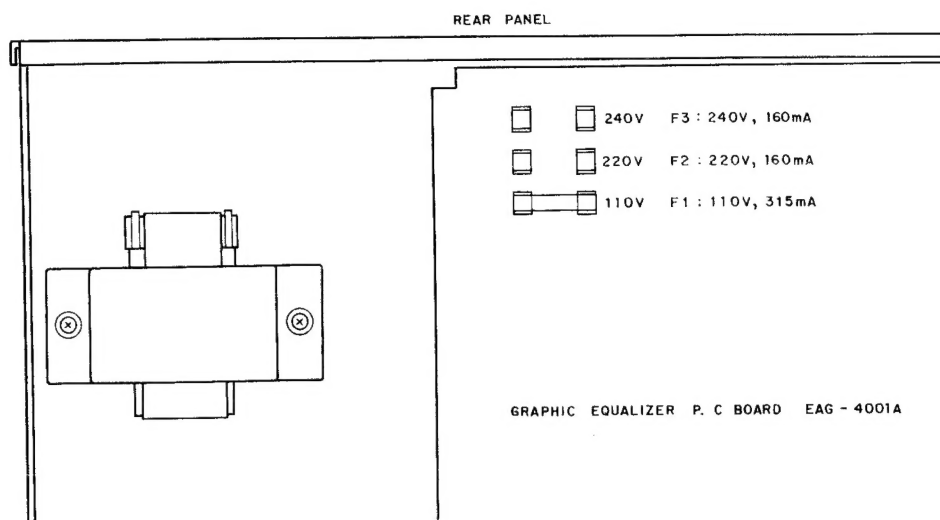


Fig. 1 Graphic Equalizer P.C. Board (EAG-4001A)

2. MODEL EA-G80

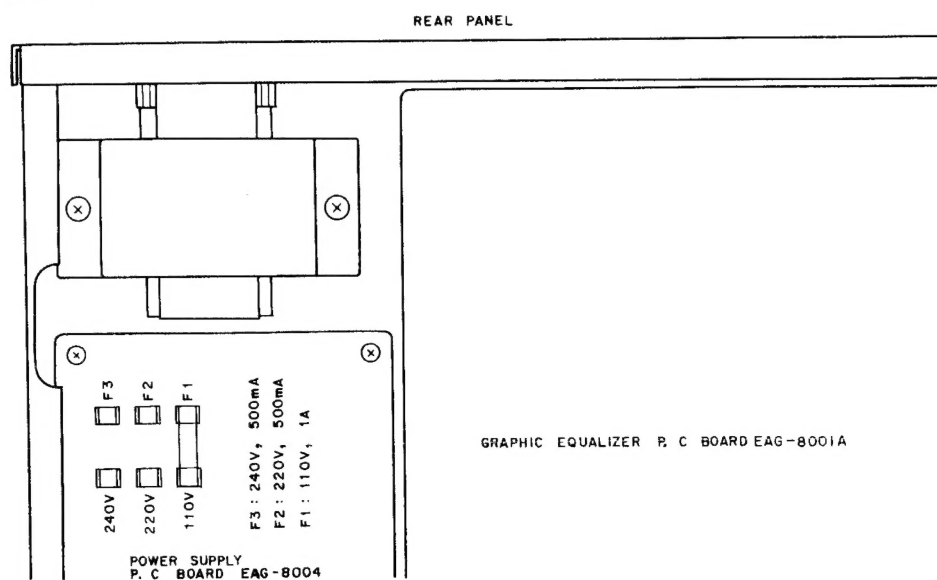


Fig. 2 Power Supply P.C. Board (EAG-8001A)

Models for Canada, USA, Europe and Australia are not equipped with this facility. Each machine is preset at the factory according to destination but some machines can be set to 110V, 220V or 240V as required. If voltage change is necessary, this can be accomplished as follows.

1. Disconnect power cord.
2. Loosen holding screws and remove top panel.
3. Remove existing Line Voltage Fuse and insert required Line Voltage Fuse in proper fuse holder, explicitly following instruction printed on the rear panel and figures shown above.

III. ADJUSTMENTS (Only for model EA-G80)

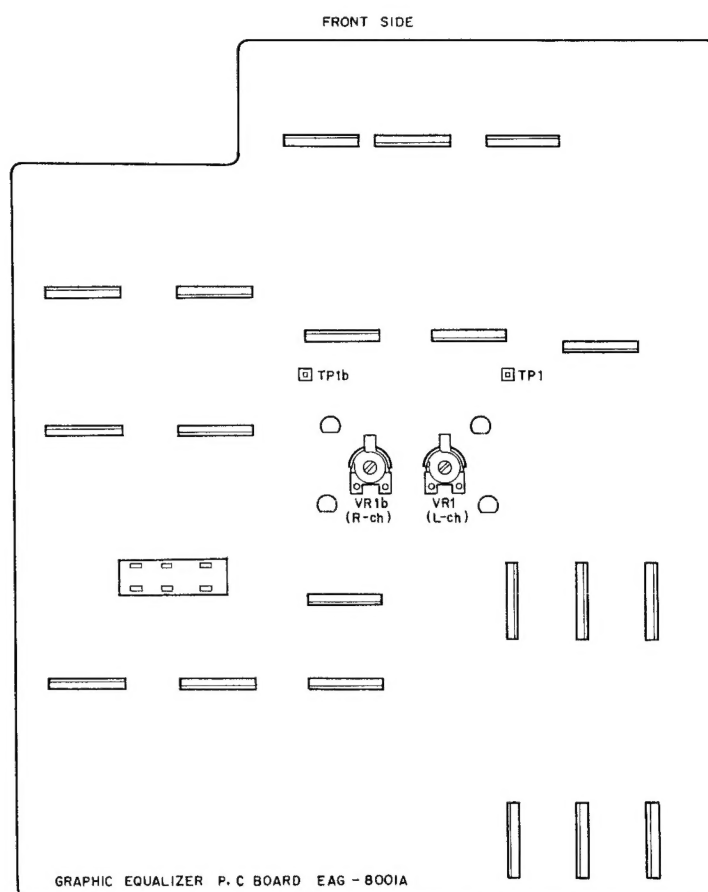


Fig. 3 Graphic Equalizer P.C Board (EAG-8001A)

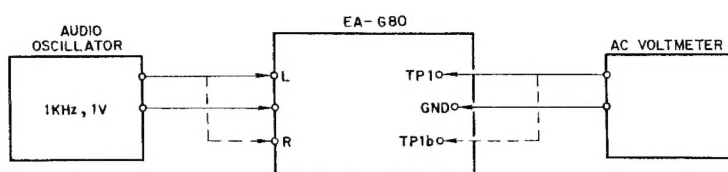


Fig. 4 Instrument Connection

AGC Adjustment

1. Set EQUALIZER switch to "ON" and all control levels to flat "0" position.
2. Connect audio oscillator to INPUT terminal and AC voltmeter between TP1 (L-ch), TP1b (R-ch) and ground.
3. Turn MASTER LEVEL control fully clockwise direction and input sine wave of 1 kHz, 1.00 V (0 dBv).
4. Adjust VR1 (L-ch), VR1b (R-ch) 10 k Ω so that the AC voltmeter reads 2.0 V.

IV. CLASSIFICATION OF VARIOUS P.C BOARDS

1. P.C BOARD TITLES AND IDENTIFICATION NUMBERS

1) Model EA-G40

P.C. Board Title	P.C. Board Number
Graphic Equalizer P.C Board (A) (U/T)	EAG-4001A
Graphic Equalizer P.C Board (B) (CSA, AAL)	EAG-4019A
Graphic Equalizer P.C Board (C) (CEE, UK, SAA)	EAG-4020A
Slide Volume (L) P.C Board	EAG-4001B
Slide Volume (R) P.C Board	EAG-4001C
Master Volume P.C Board	EAG-4001D
LED P.C Board (A)	EAG-4001E
LED P.C Board (B)	EAG-4001F

Chart-1

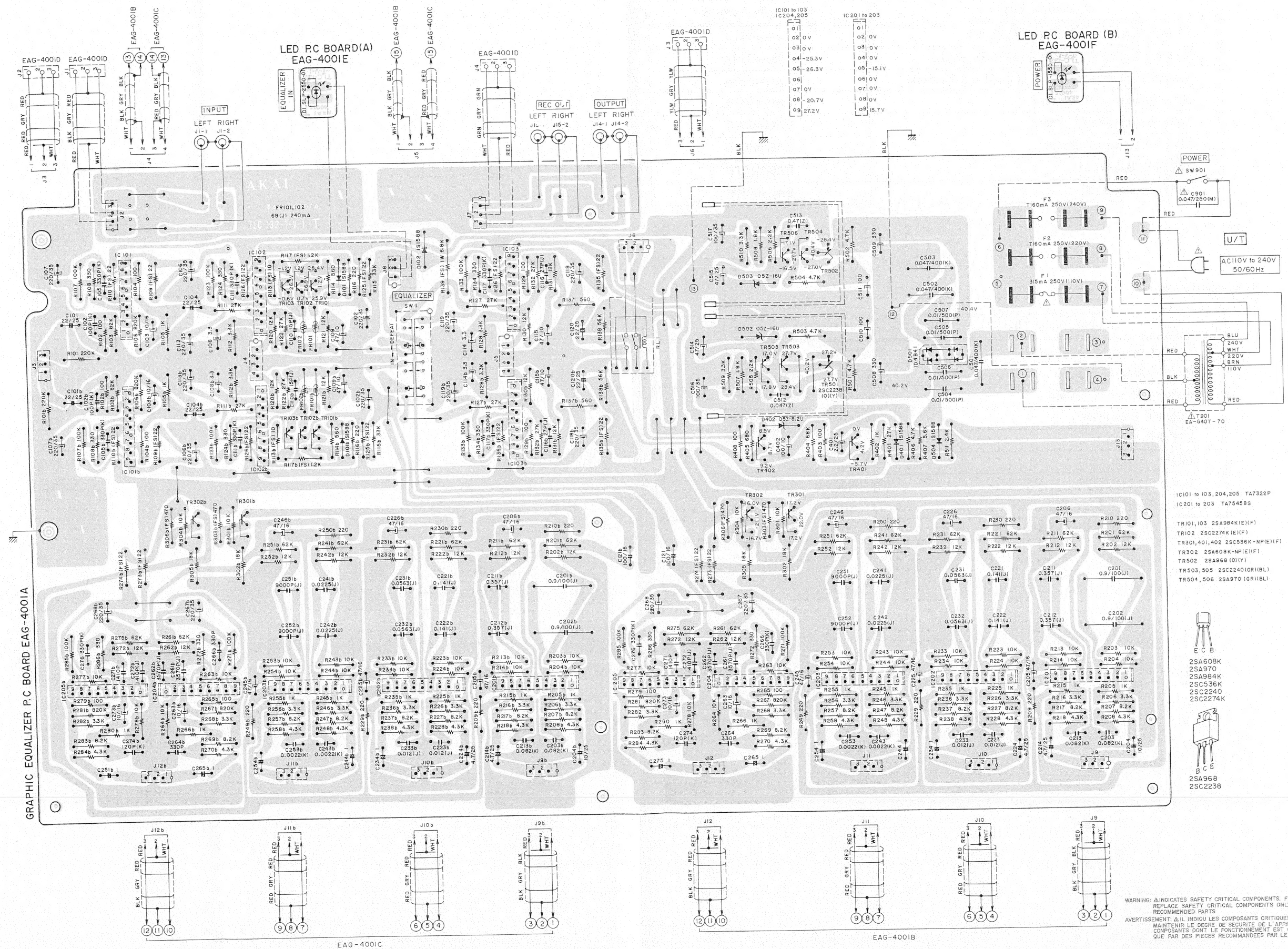
2) Model EA-G80

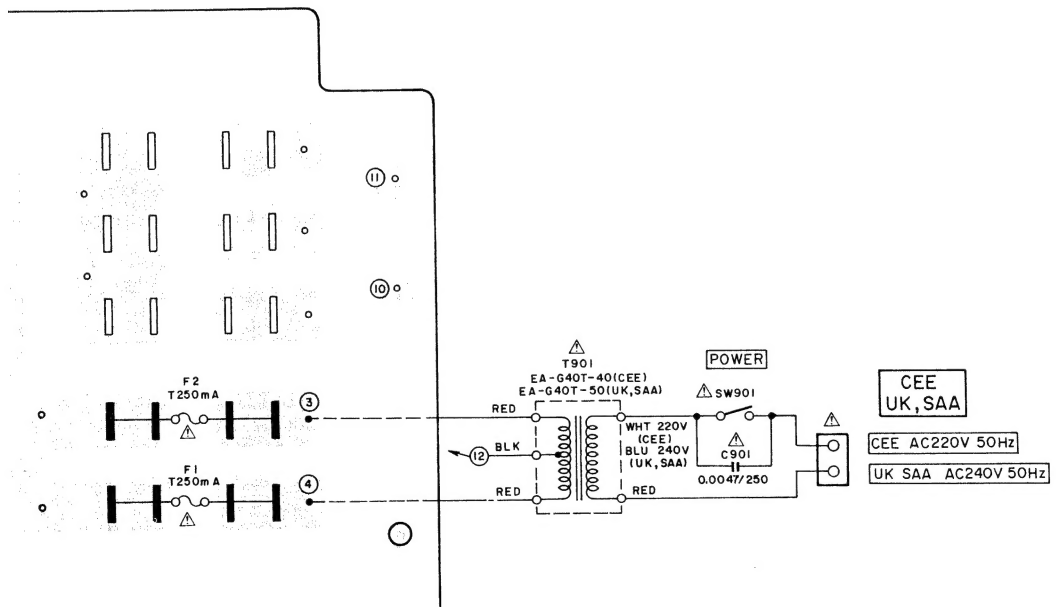
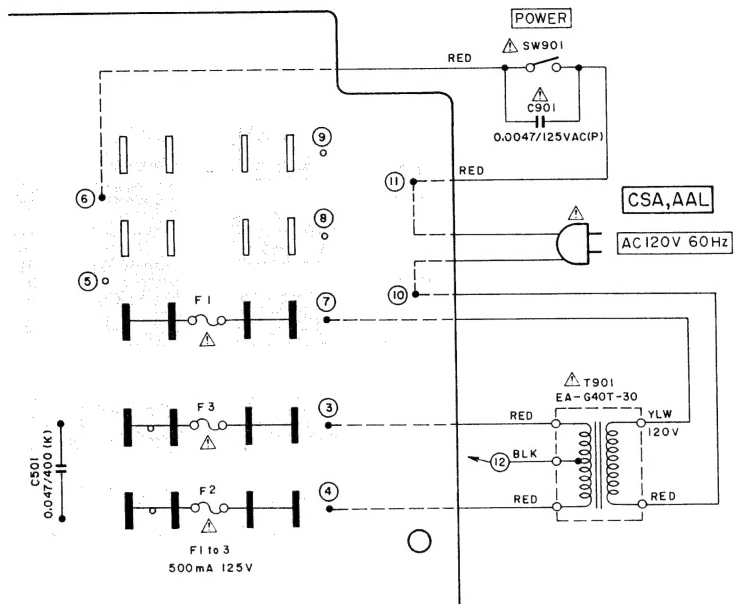
P.C. Board Title	P.C. Board Number
Graphic Equalizer P.C Board	EAG-8001A
Slide Volume P.C Board	EAG-8002
Master Volume P.C Board	EAG-8003
LED P.C Board (B)	EAG-8004B
LED P.C Board	EAG-8001B
LED P.C Board (C)	EAG-8027
Power Supply P.C Board (A) (U/T)	EAG-8004A
Power Supply P.C Board (B) (CSA, AAL)	EAG-8028A
Power Supply P.C Board (C) (CEE, UK, SAA)	EAG-8029A

Chart-2

2. MODEL EA-G40 COMPOSITION OF VARIOUS P.C BOARDS

1) GRAPHIC EQUALIZER P.C BOARD (A) EAG-4001A (U/T)/(B) EAG-4019A (CSA, AAL)/(C) EAG-4020A (CEE, UK, SAA), LED P.C BOARD (A) EAG-4001E and LED P.C BOARD (B) EAG-4001F

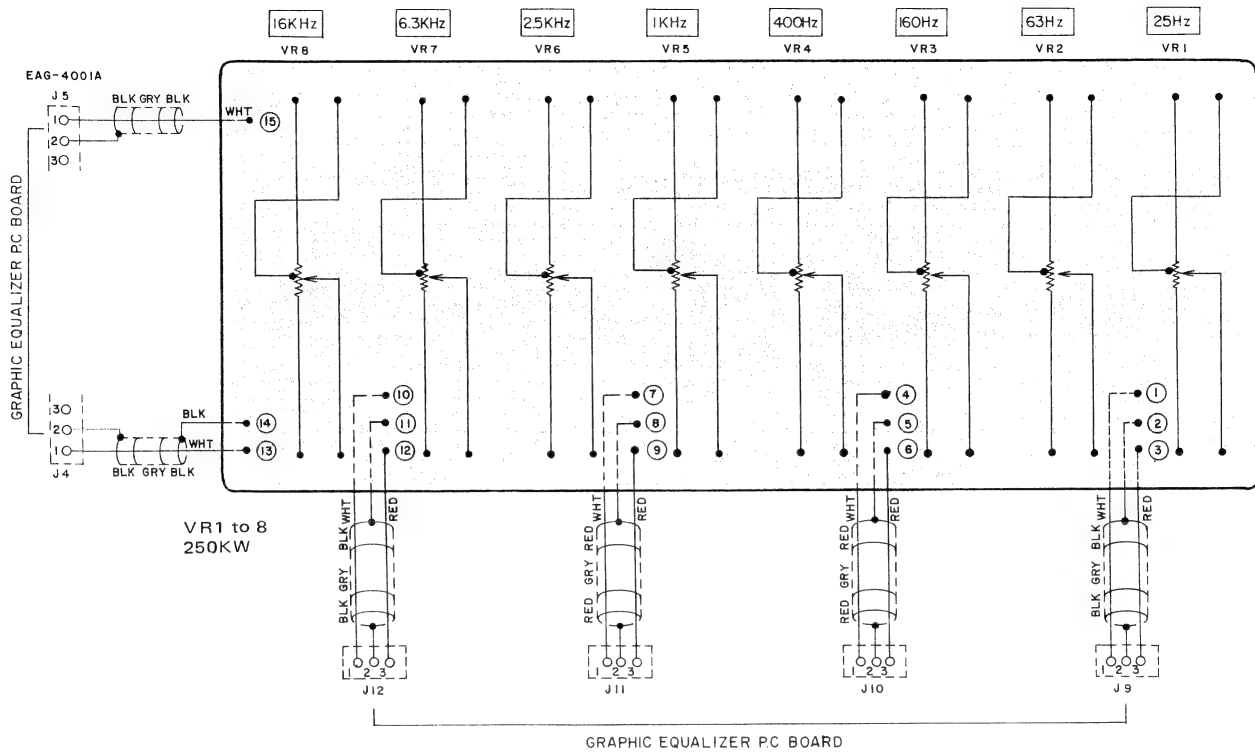




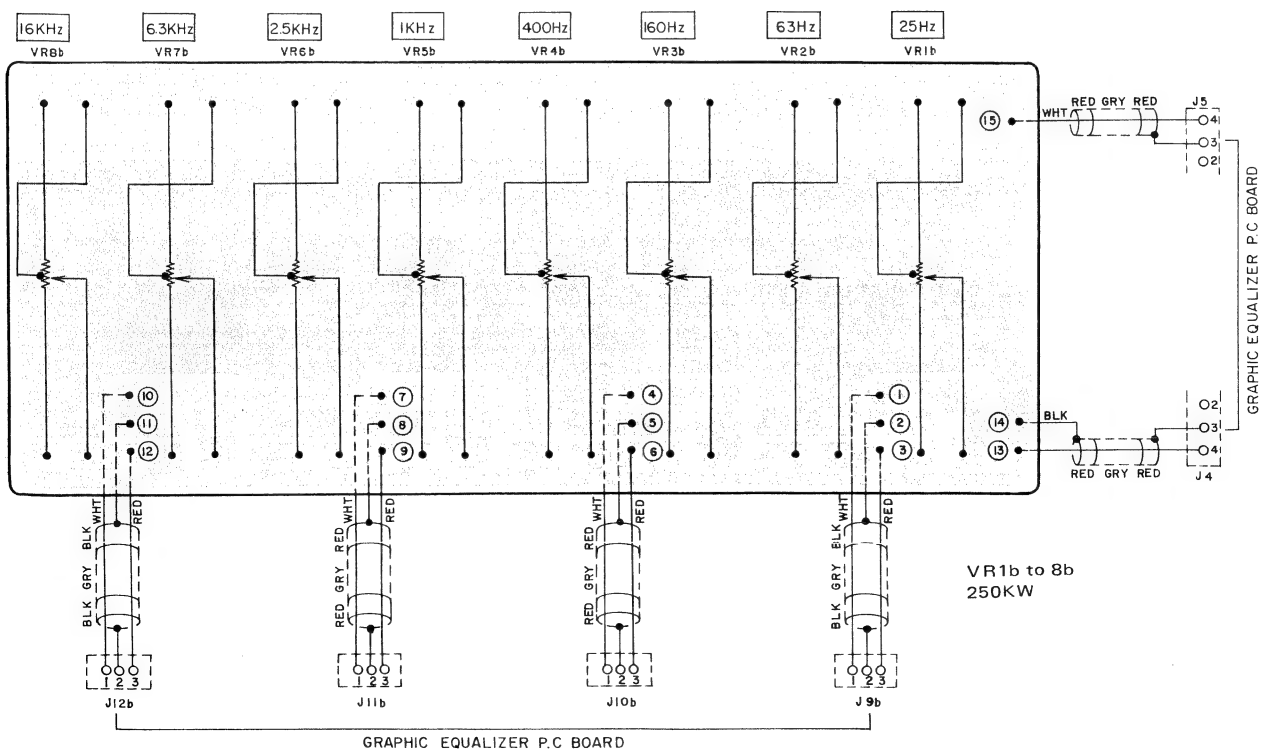
WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE DEGRÉ DE SÛRETÉ DE L'APPAREIL, NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SÛRETÉ QUE PAR DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

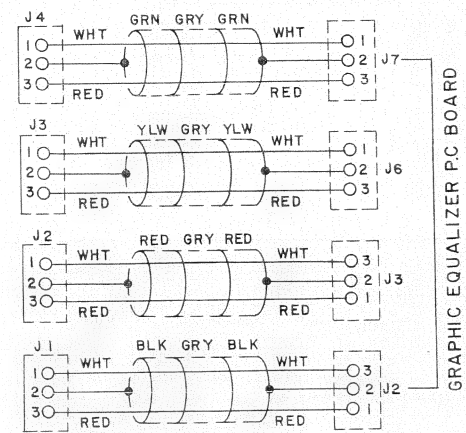
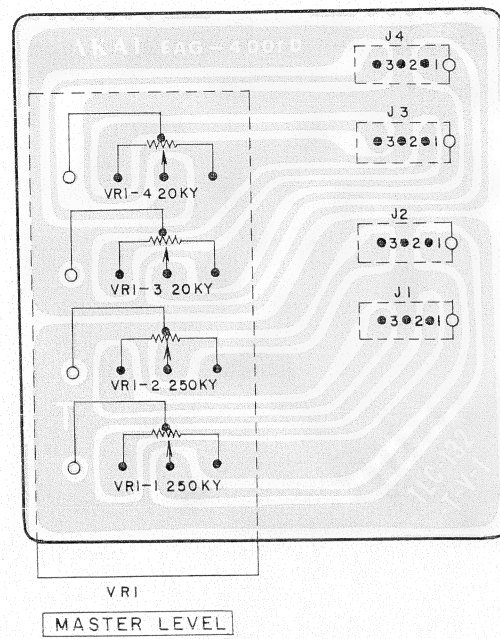
2) SLIDE VOLUME P.C BOARD (L) EAG-4001B



3) SLIDE VOLUME P.C BOARD (R) EAG-4001C

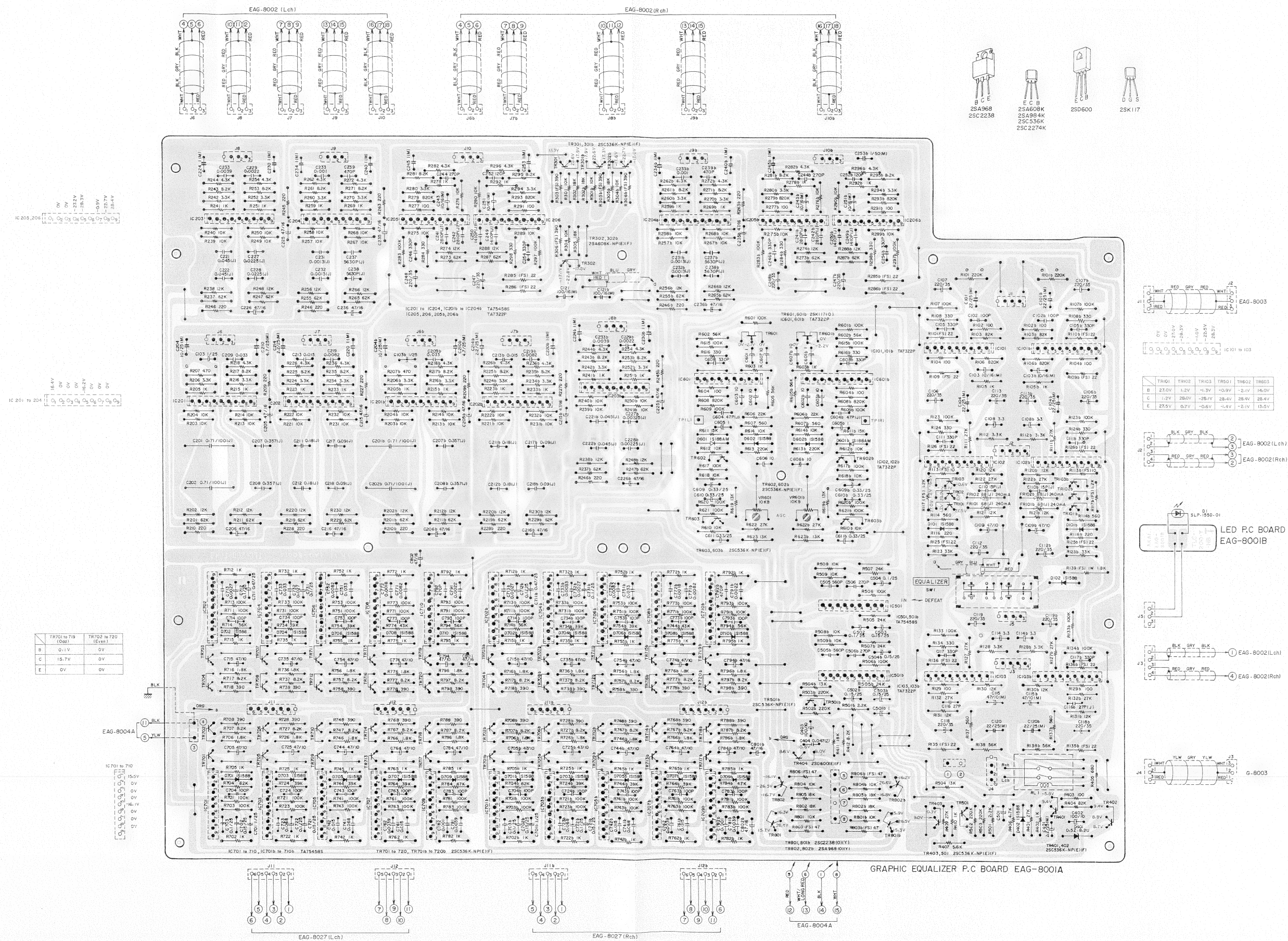


4) MASTER VOLUME P.C BOARD EAG-4001D

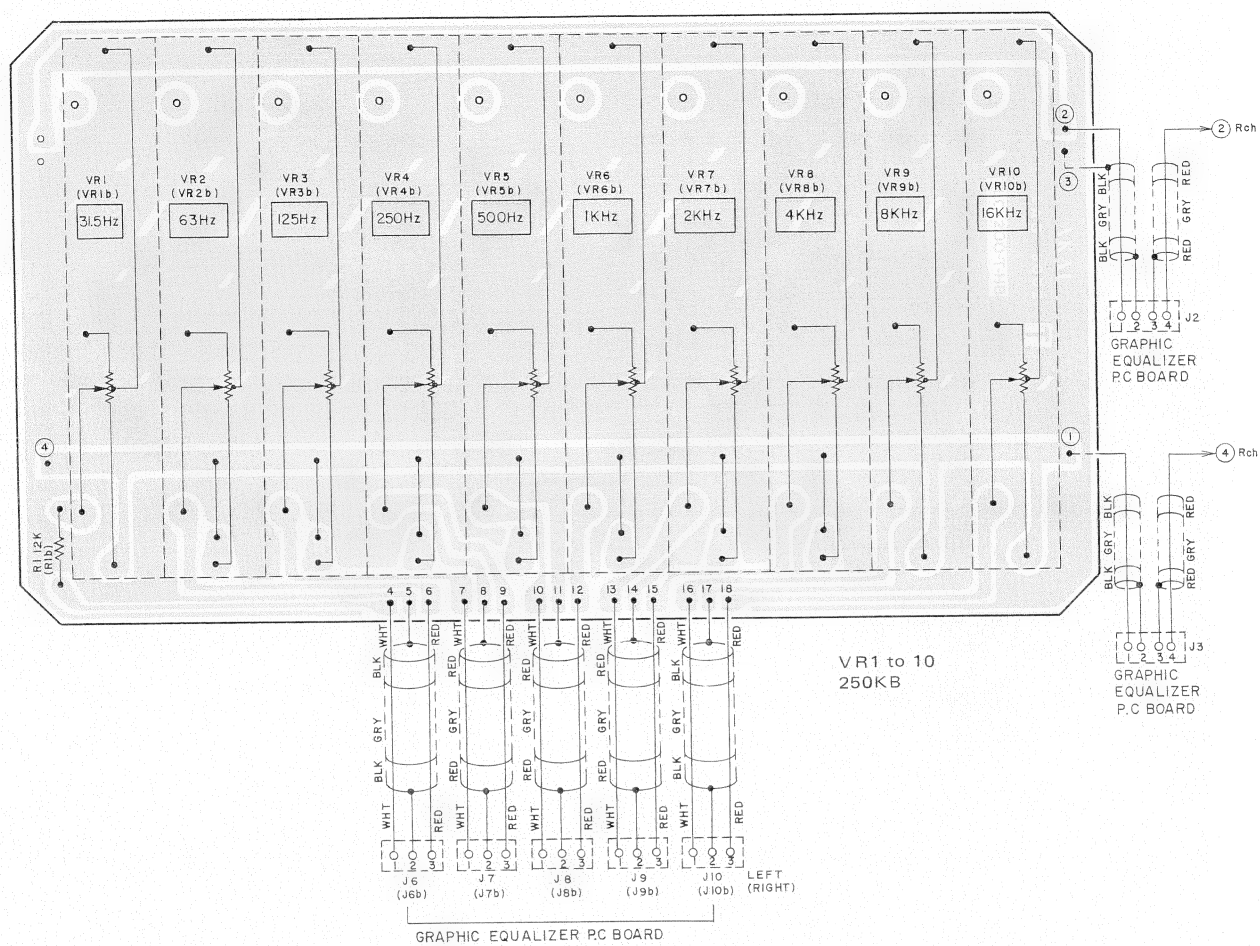


3. MODEL EA-G80 COMPOSITION OF VARIOUS P.C BOARDS

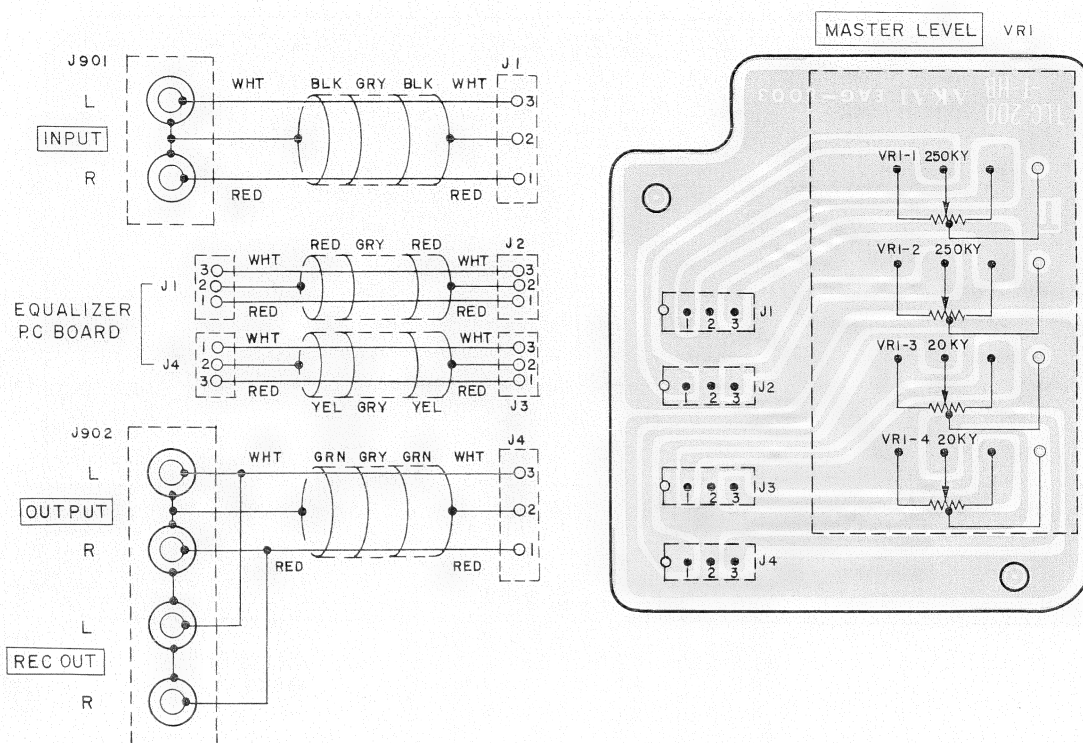
1) GRAPHIC EQUALIZER P.C BOARD EAG-8001A and LED P.C BOARD (A-2) EAG-8001B



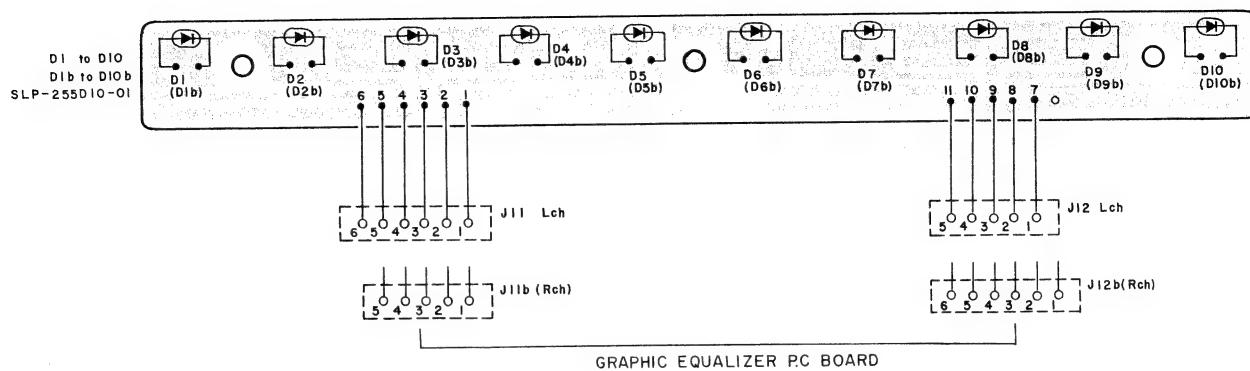
2) SLIDE VOLUME P.C BOARD EAG-8002



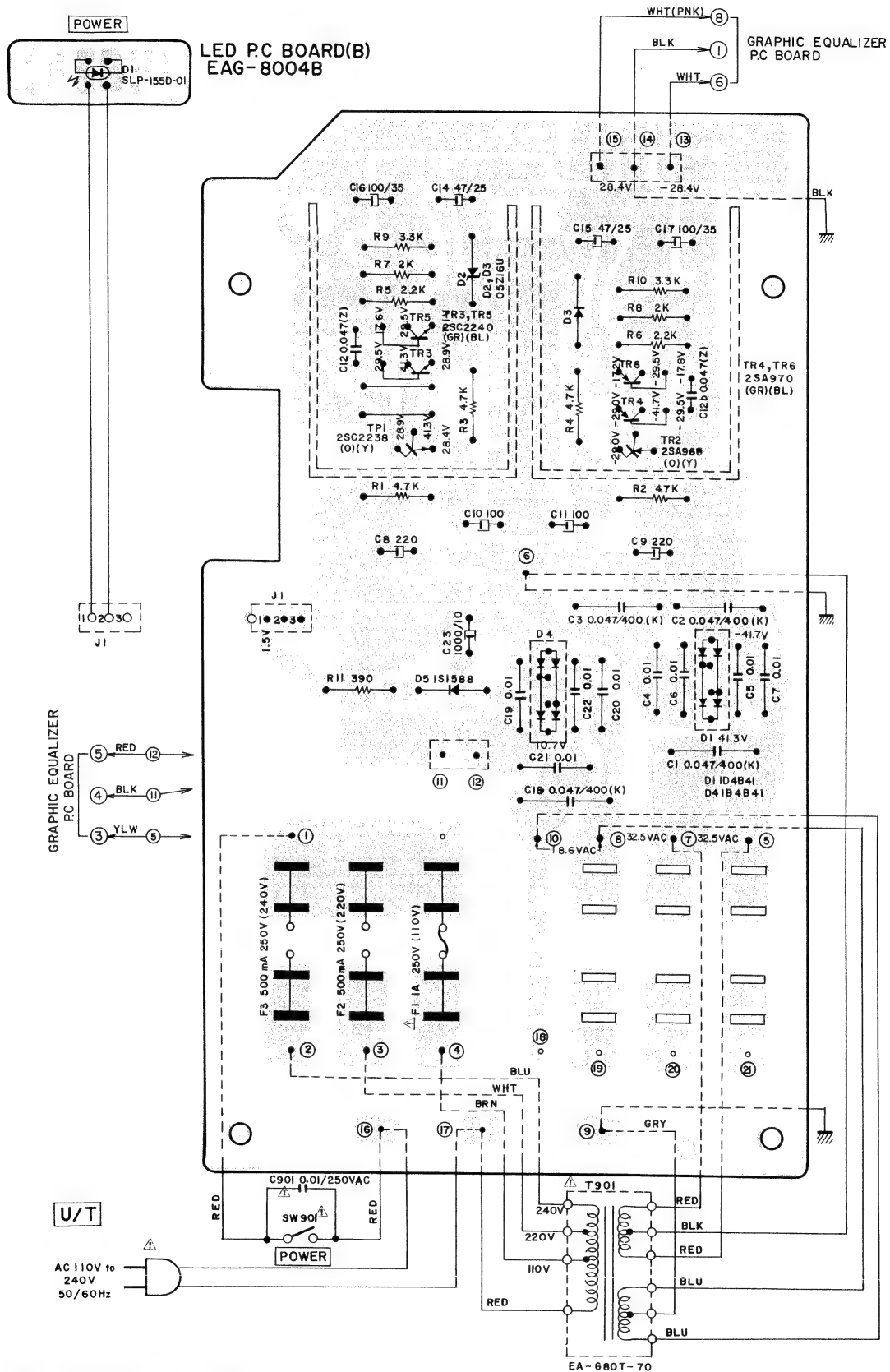
3) MASTER VOLUME P.C BOARD EAG-8003



4) LED P.C BOARD (C) EAG-8027

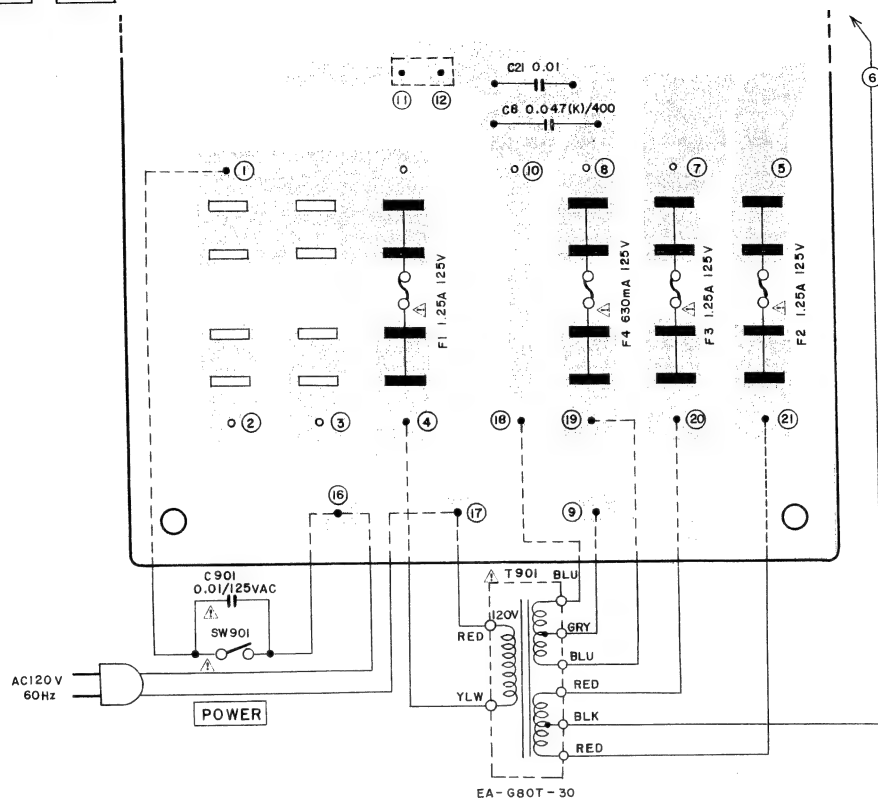


5) POWER SUPPLY P.C BOARD (A) EAG-8004A (U/T)/(B) EAG-8028A (CSA, AAL)/(C) EAG-8029A (CEE, UK, SAA) and LED P.C BOARD (B) EAG-8004B

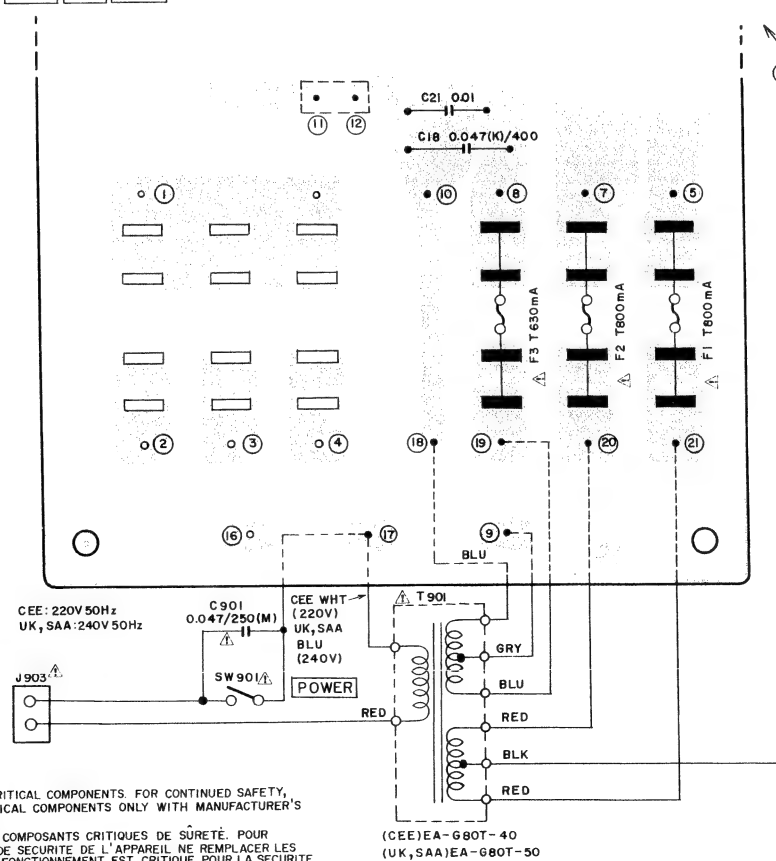


CSA

AAL



CEE UK SAA



WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE DEGRÉ DE SÛRETÉ DE L'APPAREIL, NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SÛRETÉ QUE PAR DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

MEMO

SECTION 2

PARTS LIST

TABLE OF CONTENTS

I. MODEL EA-G40

1. RECOMMENDED SPARE PARTS LIST 22

2. GRAPHIC EQ P.C BOARD

 (EAG-4001A/4019A/4020A) BLOCK 23

3. ASSEMBLY BLOCK (1) 24

4. ASSEMBLY BLOCK (2) 26

II. MODEL EA-G80

1. RECOMMENDED SPARE PARTS LIST 27

2. GRAPHIC EQ P.C BOARD (EAG-8001A/8034A) BLOCK 28

3. POWER SUPPLY P.C BOARD

 (EAG-8004A/8028A/8029A) BLOCK 29

4. ASSEMBLY BLOCK (1) 30

5. ASSEMBLY BLOCK (2) 32

INDEX

1. MODEL EA-G40 33

2. MODEL EA-G80 34

Resistor and Capacitor which is not listed in this parts list, please refer to COMMON LIST FOR SERVICE PARTS.

HOW TO USE THIS PARTS LIST

1. This parts list is compiled by various individual blocks based on assembly process.
2. When ordering parts, please describe parts number, serial number, and model number in detail.
3. How to read List

The reference number corresponds with illustration or photo number of that particular parts list.

This number corresponds with the Figure Number.

This number corresponds with the individual parts index number in that figure.

A small "x" indicates the inability to show that particular part in the Photo or Illustration.


Schematic Diagram Number of individual manufactured part.
(not required for parts order)


Quantity of particular part required.

Ref. No.	Parts No.	Description	Schematic No.	Q'ty
		FLYWHEEL BLOCK #13		
12-115x	800425	Flywheel Block Assy. Comp.	RDG-13	1
12-116	244506	Flywheel Only	RD-233	1
12-117x	244754	Felt, Flywheel	RD-275	1
12-118	251324	Main Metal Case	RD-236	1
12-119	253080	Main Metal	RD-237	1

4. The symbol numbers shown on the P.C. Board list can be matched with the Composite Views of Components of the Schematic Diagram or Service Manual.
5. Please utilize separate "Common List for Service Parts" for Resistor Parts orders.
6. The shape of the parts and parts name, etc. can be confirmed by comparing them with the parts shown on the Electrical Parts Table of P.C. Board.
7. Both the kind of part and installation position can be determined by the Parts Number. To determine where a parts number is listed, utilize Parts Index at end of Parts List.
It is necessary first of all to find the Parts Number. This can be accomplished by using the Reference Number listed at right of parts number in the Parts Index. (meaning of ref. no. outlined in Item 3 above).
8. Utilize separate "Price List for Parts" to determine unit price. The most simple method of finding parts Price is to utilize the reference number.

- CAUTION:**
1. When placing an order for parts, be sure to list the parts no. model no., and description. There are instances in which if any of this information is omitted, parts cannot be shipped or the wrong parts will be delivered.
 2. Please be careful not to make a mistake in the parts no. If the parts no. is in error, a part different from the one ordered may be delivered.
 3. Because parts number and parts unit supply in the Preliminary Service Manual (Basic Parts List) may be partially changed, please use this parts list for all future reference.

WARNING:  INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

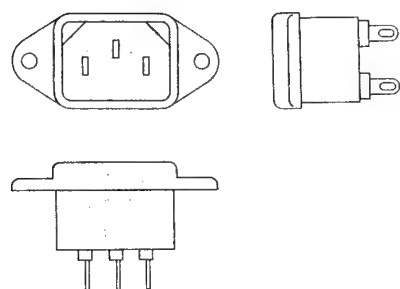
AVERTISSEMENT:  IL INDIQU LES COMPOSANTS CRITIQUES DE SURETE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT.

AC INLET SYSTEM

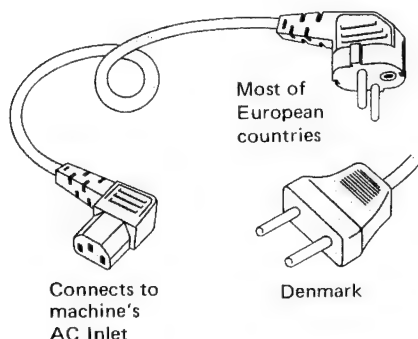
This model is equipped with an AC INLET SYSTEM. Please refer to the AC INLET SYSTEM CHART below for the specific type. By the AC INLET SYSTEM, AC (mains) cord can be connected to and disconnected from the model because the model is provided with socket exclusively for AC (mains) cord on its main body. Please note, however, that certain models are not equipped with this system and has a built-in AC (mains) cord as before.

AC INLET SYSTEM CHART

CLASS I

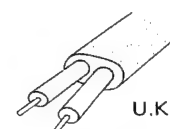
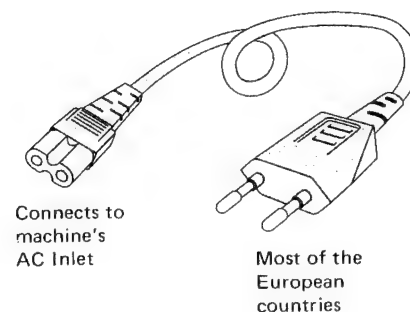
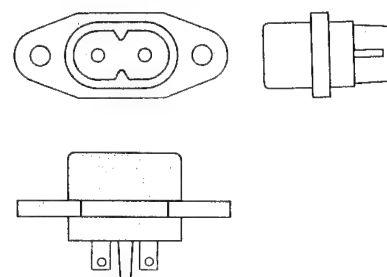


Picture 1
AC INLET
to be
installed
on machines



CLASS II

☐ This mark indicating double insulation will be attached to machine's rear panel



Picture 2
AC (mains)
cord

Parts List for AC (mains) Cord Set

Standard		Description	Type of AC Inlet	Parts No.
Class I	CEE	Cord Set CEE (3 cores)	3P	EW302993
	BEAB	Cord Set BEAB (3 cores)	3P	EW302994
	SAA	Cord Set SAA (3 cores)	3P	EW302996
	U/T	Cord Set U/T (3 cores)	3P	EW302646
Class II	CEE	Cord Set CEE (2 cores)	2P	EW638144
	BEAB	Cord Set BEAB (2 cores)	2P	EW302995
	SAA	Cord Set SAA (2 cores)	2P	EW302991
	U/T	Cord Set U/T (2 cores)	2P	EW302899

I. MODEL EA-G40

1. RECOMMENDED SPARE PARTS LIST

Because, if the parts listed below are on hand, almost any repair can be accomplished, we suggest that you stock these Recommended Spare Parts Items.

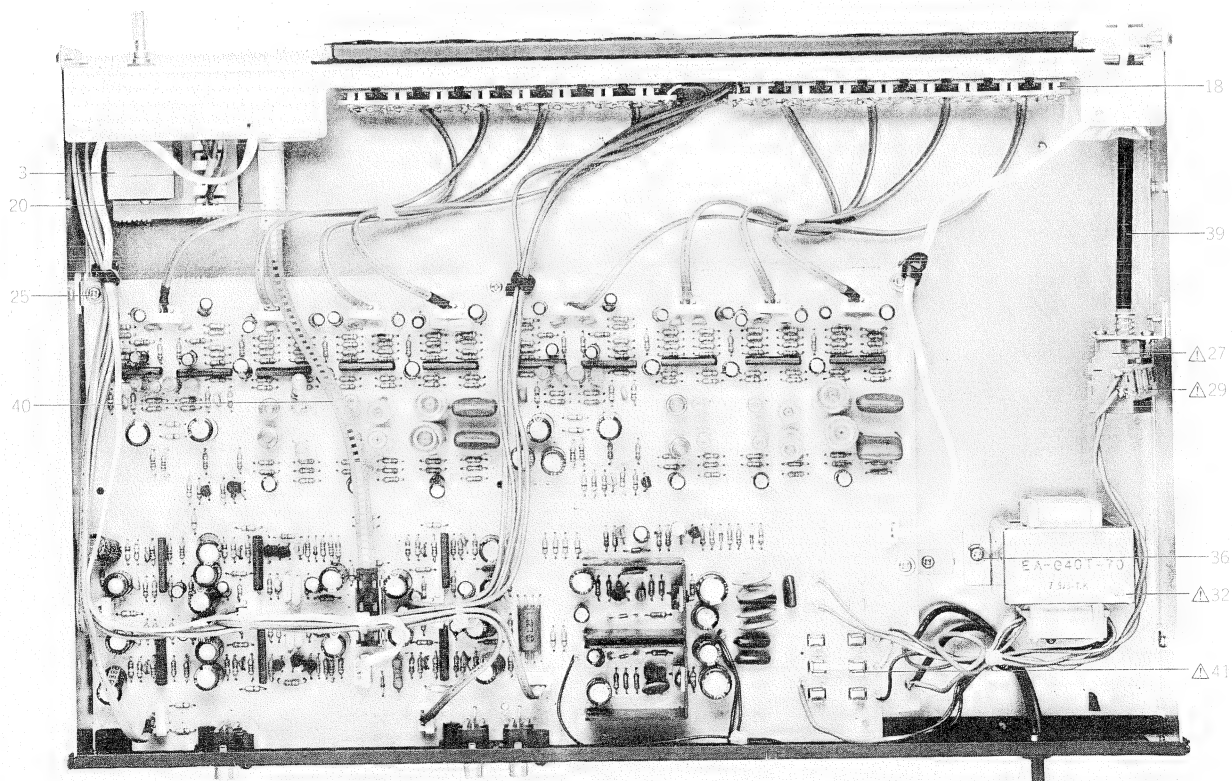
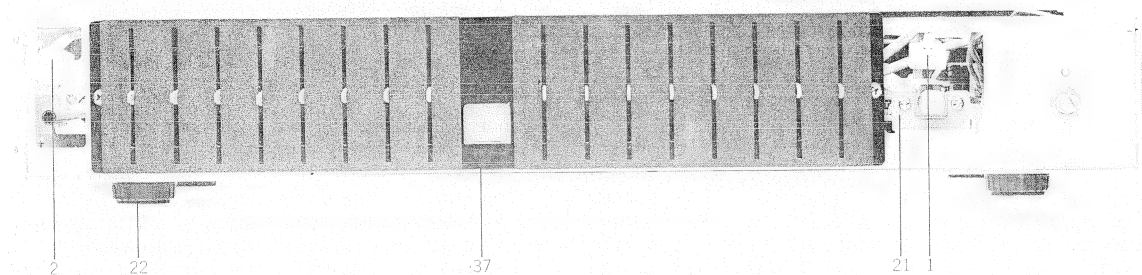
Parts No.	Description	Notes
BA327739	Graphic EQ P.C Board Comp. EA-G40 (CEE)	CEE, UK, SAA
BA327738	Graphic EQ P.C Board Comp. EA-G40 (CSA)	CSA, AAL
BA327737	Graphic EQ P.C Board Comp. EA-G40 (U/T)	
BT327165	△ Power Trans. EA-G40T-30	CSA, AAL
BT327166	△ Power Trans. EA-G40T-40	CEE
BT327167	△ Power Trans. EA-G40T-50	UK, SAA
BT327164	△ Power Trans. EA-G40T-70	U/T
ED322772	LED SLP-155D-01	
ED322773	LED SLP-255D-01	
ED557447	Silicon Diode 1S1588	
ED324912	Silicon Stack 1D4B41	
ED324936	Zener Diode 05Z-16U	
ED326835	Zener Diode 05Z-8.2J	
EF306125	△ Fuse 315mA 250V	U/T
EF309390	△ Fuse 500mA 125V	CSA, AAL
EF300586	△ Fuse (EAWK) 250MAT	CEE, UK, SAA
EF322975	△ Fuse (EAWK) 160MAT	U/T
EI323054	IC TA7322P	
EI322599	IC TA75458S	
EJ301513	△ Inlet 2P	CEE, UK, SAA
EJ293365	Pin Jack 4P	
EJ312464	Pin Jack 2P	
EP323350	Relay L-23M DC 12V	
ES310839	△ Push SW. SDG1P-E 5A/80A 250V	U/T, CEE, UK, SAA
ES665875	△ Push SW. SDG1P-J TV-3 UL/CSA	CSA, AAL
ES319902	Push Selector SUR510	
ES323368	Remote Push SW. SSR24351D	
ET323529	Transistor 2SA608K-NP (E) (F)	
ET311791	Transistor 2SA968 (O)(Y)	
ET305463	Transistor 2SA970 (GR) (BL)	
ET324134	Transistor 2SA984K (E) (F)	
ET311790	Transistor 2SC2238 (O) (Y)	
ET307195	Transistor 2SC2240 (GR) (BL)	
ET309353	Transistor 2SC2274 (E) (F)	
ET316171	Transistor 2SC536K-NP (E) (F)	
EV327169	Single-Axial 4-Throw/Vol. AP25G 250KYX2, 20KYX2	
EV327163	Slide/Vol. LFL4E023 250kW	
EW306428	△ AC Cord (U/T)	
EW305691	△ AC Cord CUL	CSA, AAL
EW302995	△ AC Cord Set BEAB 2 Cores	
EW315767	△ AC Cord Set CEE 2 Cores	
EW322401	△ AC Cord Set SAA 2 Cores	

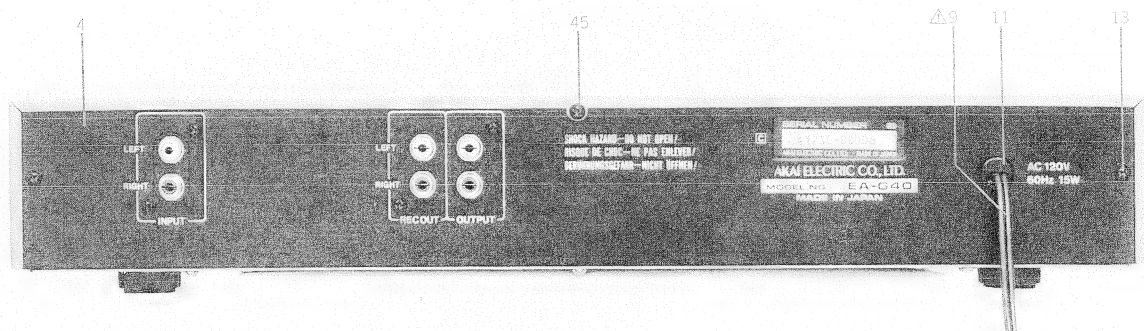
2. GRAPHIC EQ P.C BOARD (EAG-4001A/4019A/4020A) BLOCK

Symbol No.	Parts No.	Description	Schematic No.	Symbol No.	Parts No.	Description	Schematic No.
2-1	BA327737	Graphic EQ P.C Board Comp. EA-G40 (U/T)	EAG-4001A	2-C221,222	EC327145	Polypropylene/C. 0.141μF(J) 50WV	24-22-10
2-2	BA327738	Graphic EQ P.C Board Comp. EA-G40 (CSA) (CSA, AAL)	EAG-4019A	2-C224	EC327144	NP/C. 2.2μF(M) 25WV	24-17-35
2-3	BA327739	Graphic EQ P.C Board Comp. EA-G40 (CEE) (CEE, UK, SAA)	EAG-4020A	2-C231,232	EC327143	Polypropylene/C. 0.0563μF(J) 50WV	24-22-10
2-IC101to103	EI323054	IC TA7322P	45-8-419	2-C234	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-IC201to203	EI322599	IC TA75458S	45-8-415	2-C241,242	EC327141	Polypropylene/C. 0.0225μF(J) 50WV	24-22-10
2-IC204,205	EI323054	IC TA7322P	45-8-419	2-C244	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR101	ET324134	Transistor 2SA984K(E)(F)	45-1-378	2-C251,252	EC327380	Styrol/C. 9000PF(J) 50WV	24-11-18
2-TR102	ET309353	Transistor 2SC2274(E)(F)	45-1-335	2-C254	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR103	ET324134	Transistor 2SA984K(E)(F)	45-1-378	2-C261,262	EC327139	Styrol/C. 3570PF(J) 50WV	24-11-18
2-TR301	ET316171	Transistor 2SC536K-NP(E)(F)	45-1-362	2-C265	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR302	ET323529	Transistor 2SA608K-NP(E)(F)	45-1-375	2-C271,272	EC327381	Styrol/C. 1410PF(J) 50WV	24-11-18
2-TR401,402	ET316171	Transistor 2SC536K-NP(E)(F)	45-1-362	2-C275	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR501	ET311790	Transistor 2SC2238(O)(Y)	45-1-339	2-CS01to503	EC321088	Metallized Mylar/C. 0.047μF(K) 400WV	24-16-23
2-TR502	ET311791	Transistor 2SA968(O)(Y)	45-1-338	2-4	ZS325495	Tapping Screw, #2 BR 3×6	
2-TR503	ET307195	Transistor 2SC2240(GR)(BL)	45-1-302				
2-TR504	ET305463	Transistor 2SA970(GR)(BL)	45-1-303				
2-TR505	ET307195	Transistor 2SC2240(GR)(BL)	45-1-302				
2-TR506	ET305463	Transistor 2SA970(GR)(BL)	45-1-303				
2-D101,102	ED557447	Silicon Diode 1S1588	45-3-22				
2-D401	ED557447	Silicon Diode 1S1588	45-3-22				
2-D402	ED326835	Zener Diode 05Z-8.2U	45-6-76				
2-D501	ED324912	Silicon Stack 1D4B41	45-2-100				
2-D502,503	ED324936	Zener Diode 05Z-16U	45-6-76				
2-D504	ED557447	Silicon Diode 1S1588	45-3-22				
2-RL1	EP323350	Relay L-23M DC12V	47-2-34				
2-SW1	ES323368	Remote Push SW. SSR24351D	25-14-502				
2-J1	EJ312464	2P Pin Jack	31-5-148				
2-J14	EJ293365	Pin Jack 4P	31-1-197				
2-FR101,102	ER327170	Fuse/R. 1/4W 68 ohms(J)	35-14-33				
2-R109,110	ER324934	Carbon/R. F 1/4WS 22 ohms(J)	35-11-30				
2-R113	ER322787	Carbon/R. F 1/4WS 10 ohms (J)	35-11-30				
2-R117	ER327198	Carbon/R. F 1/4WS 1.2K(J)	35-11-30				
2-R125,126	ER324934	Carbon/R. F 1/4WS 22 ohms(J)	35-11-30				
2-R135,136	ER324934	Carbon/R. F 1/4WS 22 ohms(J)	35-11-30				
2-R139	ER327172	Metal Oxide Film/R. F 1W 1.8K(J)	35-19-4				
2-R273,274	ER324934	Carbon/R. F 1/4WS 22 ohms(J)	35-11-30				
2-R303	ER316802	Carbon/R. F 1/4WS 470 ohms (J)	35-11-30				
2-R306	ER316802	Carbon/R. F 1/4WS 470 ohms(J)	35-11-30				
2-C101	EC327171	NP/C. (Vert.) 22μF(M) 25WV	24-17-35				
2-C104	EC327171	NP/C. (Vert.) 22μF(M) 25WV	24-17-35				
2-C120	EC327171	NP/C. (Vert.) 22μF(M) 25WV	24-17-35				
2-C121	EC327176	NP/C. 100μF(M) 16WV	24-17-35				
2-C201,202	EC327231	Metallized Mylar/C. (Vert.) 0.9μF(J) 100WV	24-16-31				
2-C204	EC327179	NP/C. 10μF(M) 25WV	24-17-35				
2-C211,212	EC327180	Polypropylene/C. 0.357μF(J) 50WV	24-22-10				
2-C214	EC327146	NP/C. 4.7μF(M) 25WV	24-17-35				

When ordering parts, please quote Parts Number, Description and Model Number.

3. ASSEMBLY BLOCK (1)



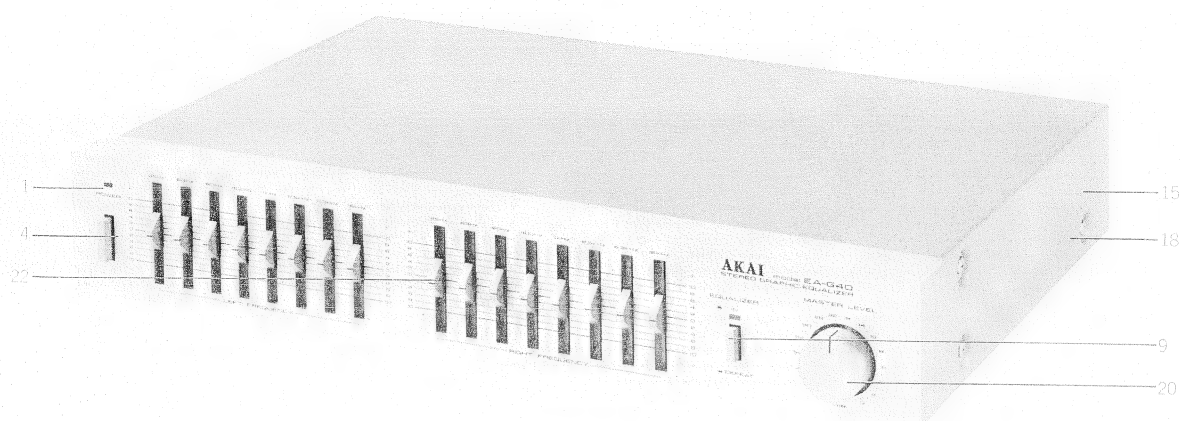


ASSEMBLY BLOCK (1)

Ref. No.	Parts No.	Description	Schematic No.	Ref. No.	Parts No.	Description	Schematic No.
		LED P.C BOARD BLOCK					
3-1	ED322773	LED SLP-255D-01	45-15-37	3-25	ZS462194	Tapping Screw, #2 Pan 3x8 W=8	
3-2	ED322772	LED SLP-155D-01	45-15-38	3-26x	ZS522865	Tapping Screw, #2 BR 3x12 (Black)	
		MASTER VOL. P.C BOARD BLOCK		3-27	ES310839	Δ Push SW. SDG1P-E 5A/80A 250V (U/T, CEE, UK, SAA)	25-5-310
3-3	EV327169	Single-Axial 4-Throw/Vol. AP25G 250KYX2, 20KYX2	36 37 14	3-28x	ES665875	Δ Push SW. SDG1P-J TV-3 UL/CSA (CSA, AAL)	25-5-199
		ASSEMBLY BLOCK		3-29	EC327382	Δ MP/C. (Vert.) 0.0047μF(M) 250WV (U/T)	24-9-134
3-4	SP327114	Rear Panel (A) (U/T)	EAG-4003,4004	3-30	EC325266	Δ Ceramic/C. DE7100 0.0047μF(P) 125VAC (CSA, AAL)	24-5-87
3-5x	SP327116	Rear Panel (B) (CSA)	EAG-4003,4004	3-31x	EC327382	Δ MP/C. (Vert.) 0.0047μF(M) 250WV (CEE, UK, SAA)	24-9-134
3-6x	SP327117	Rear panel (C) (AAL)	EAG-4003,4004	3-32	BT327164	Δ Power Trans. EA-G40T-70 (U/T)	38-4-857
3-7x	SP327118	Rear Panel (D) (CEE)	EAG-4003,4005	3-33x	BT327165	Δ Power Trans. EA-G40T-30 (CSA, AAL)	38-4-858
3-8x	SP327119	Rear Panel (E) (UK, SAA)	EAG-4003,4005	3-34x	BT327166	Δ Power Trans. EA-G40T-40 (CEE)	38-4-859
3-9	EW306428	Δ AC Cord (U/T)	26-3-64	3-35x	BT327167	Δ Power Trans. EA-G40T-50 (UK, SAA)	38-4-860
3-10x	EW305691	Δ AC Cord CUL (CSA, AAL)	26-3-65	3-36	ZS315511	S-Tight Screw, Pan 3x6 Cup Point	7-1-72
3-11	EZ631945	Strain Relief SR-4N-4 (U/T, CSA, AAL)	2-7-49	3-37	SZ327127	Mask	EAG-4013
3-12x	EJ301513	Δ Inlet 2P (CEE, UK, SAA)	31-1-200	3-38x	SZ327128	Mask (BL)	EAG-4013
3-13	ZS319460	Tapping Screw, #2 BR 3x6 Oval Neck	7-1-69	3-39	SZ324432	Tube (B)	ATK-2036
3-14x	ZS325495	Tapping Screw, #2 BR 3x6		3-40	EW327156	Remote Wire	25-14-307
3-15x	EW315767	Δ AC Cord Set CEE 2 Cores (CEE)	26-3-72	3-41	EF306125	Δ Fuse 315mA 250V (U/T)	39-1-64
3-16x	EW302995	Δ AC Cord Set BEAB 2 Cores (UK)	26-3-57	3-42x	EF322975	Δ Fuse (EAWK) 160MAT (U/T)	39-1-60
3-17x	EW322401	Δ AC Cord Set SAA 2 Cores (SAA)	26-3-77	3-43x	EF309390	Δ Fuse 500mA 125V (CSA, AAL)	39-1-65
3-18	EV327163	Slide/Vol. LFL4E023 250kW	36-26-4	3-44x	EF300586	Δ Fuse (EAWK) 250MAT (CEE, UK, SAA)	39-1-60
3-19x	ZS477887	Screw, Countersunk 2.6x5		3-45	ZS319460	Tapping Screw, #2 BR 3x6 Oval Neck	7-1-69
3-20	ES319902	Push Selector SUR510	25-14-102				
3-21	ZS417216	Screw, Pan 3x4	PC-2032				
3-22	SA311742	Circular Foot					
3-23x	ZS565942	Tapping Screw, #2 Pan 4x8					
3-24x	ZS306021	S-Tight Screw, Pan 3x6					

When ordering parts, please quote Parts Number, Description and Model Number.

4. ASSEMBLY BLOCK (2)



ASSEMBLY BLOCK (2)

Ref. No.	Parts No.	Description	Schematic No.
FRONT PANEL BLOCK			
4-1	BD327749	Front Panel Block EA-G40	
4-2x	BD327750	Front Panel Block EA-G40-BL	
4-3x	SE322578	Escutcheon (A)	ATK-2013
4-4	SB322576	Button (A)	ATK-2012
4-5x	SB322577	Button (A-BL)	ATK-2012
4-6x	ZG322579	Spring (A)	ATK-2014
4-7x	SE327130	LED Escutcheon	EAG-4015
4-8x	SE327129	Button Escutcheon	EAG-4014
4-9	SB322557	Button	AMU-2044
4-10x	SB322558	Button (BL)	AMU-2044
4-11x	ZG322566	Spring	AMU-2050
ASSEMBLY BLOCK			
4-12x	ZS447840	Tapping Screw, #2 BR 3x8	
4-13x	ZW324157	Washer (SPC) D6.2x13x0.25t	
4-14x	ZW324158	Washer (SPC) D6.2x13x0.5t	
4-15	BC322209	Upper Cover (A)	ATK-2034
4-16x	BC322212	Upper Cover (B) (AAL)	ATK-2034
4-17x	BC322210	Upper Cover (A-BL)	ATK-2034
4-18	ZS322570	S-Tight Screw, Bind 4x8	
4-19x	ZS322580	S-Tight Screw, Bind 4x8 (Black)	
4-20	SK327132	Knob (A)	EAG-4017
4-21x	SK327133	Knob (A-BL)	EAG-4017
4-22	SK327134	Knob (B)	EAG-4018
4-23x	SK327135	Knob (B-BL)	EAG-4018

II. MODEL EA-G80

1. RECOMMENDED SPARE PARTS LIST

Because, if the parts listed below are on hand, almost any repair can be accomplished, we suggest that you stock these Recommended Spare Parts Items.

Parts No.	Description	Notes
BA327808	Graphic EQ P.C Board Comp. EA-G80	
BT327193	△ Power Trans. EA-G80T-30	CSA, AAL
BT327194	△ Power Trans. EA-G80T-40	CEE
BT327195	△ Power Trans. EA-G80T-50	UK, SAA
BT327192	△ Power Trans. EA-G80T-70	U/T
ED562386	Germanium Diode 1S188AM	
ED322772	LED SLP-155D-01	
ED322773	LED SLP-255D-01	
ED557447	Silicon Diode 1S1588	
ED322238	Silicon Stack 1B4B41	
ED324912	Silicon Stack 1D4B41	
ED324936	Zener Diode 05Z-16U	
ED326835	Zener Diode 05Z-8.2U	
EF309392	△ Fuse 1.25A 125V	CSA, AAL
EF309387	△ Fuse 1A 250V	U/T
EF327103	△ Fuse 500mA 250V	U/T
EF305703	△ Fuse 630mA 125V	CSA, AAL
EF601942	△ Fuse (Semko T) 630MAT	CEE, UK, SAA
EF258344	△ Fuse (Semko T) 800MAT	CEE, UK, SAA
EI323054	IC TA7322P	
EI322599	IC TA75458S	
EJ301513	△ Inlet 2P	CEE, UK, SAA
EP323350	Relay L-23M DC 12V	
ES310839	△ Push SW. SDG1P-E 5A/80A 250V	Except CSA, AAL
ES665875	△ Push SW. SDG1P-J TV-3 UL/CSA	CSA, AAL
ES319902	Push Selector SUR510	
ES323368	Remote Push SW. SSR24351D	
ET327162	FET 2SK117 (O)	
ET323529	Transistor 2SA608K-NP (E) (F)	
ET311791	Transistor 2SA968 (O) (Y)	
ET305463	Transistor 2SA970 (GR) (BL)	
ET324134	Transistor 2SA984K (E) (F)	
ET324134	Transistor 2SA984K (E) (F)	
ET311790	Transistor 2SC2238 (O) (Y)	
ET307195	Transistor 2SC2240 (GR) (BL)	
ET309353	Transistor 2SC2274 (E) (F)	
ET316171	Transistor 2SC536K-NP (E) (F)	
ET323105	Transistor 2SD600 (E) (F)	
EV327169	Single-Axial 4-Throw/Vol. AP25G 250KYX2, 20KYX2	
EV327196	Slide/Vol. VJ4510PVN 250kΩ	
EW306428	△ AC Cord (U/T)	
EW305691	△ AC Cord CUL	CSA, AAL
EW302995	△ AC Cord Set BEAB 2 Cores	
EW315767	△ AC Cord Set CEE 2 Cores	
EW322401	△ AC Cord Set SAA 2 Cores	

2. GRAPHIC EQ P.C BOARD (EAG-8001A/8034A) BLOCK

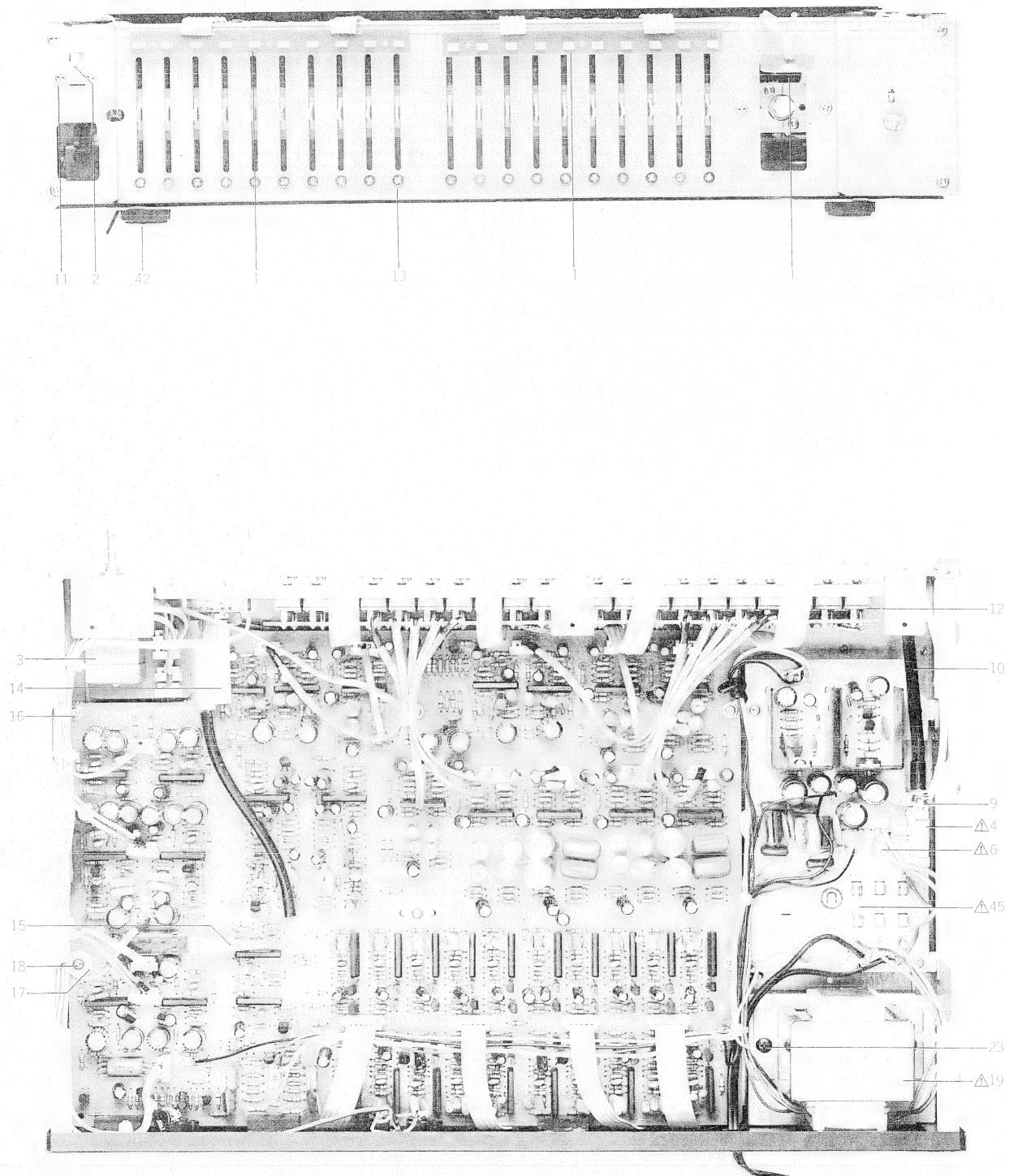
Symbol No.	Parts No.	Description	Schematic No.	Symbol No.	Parts No.	Description	Schematic No.
2-1	BA327808	Graphic EQ P.C Board Comp. EA-G80 (Except AAL)	EAG-8001A	2-C207,208	EC327180	Polypropylene/C. 0.357μF(J) 50WV	24-22-10
2-IC101to103	EI323054	IC TA7322P	45-8-419	2-C210	EC327146	NP/C. 4.7μF(M) 25WV	24-17-35
2-IC201to204	EI322599	IC TA75458S	45-8-415	2-C211,212	EC327371	Polypropylene/C. 0.18μF(J) 50WV	24-22-10
2-IC205,206	EI323054	IC TA7322P	45-8-419	2-C214	EC327144	NP/C. 2.2μF(M) 25WV	24-17-35
2-IC501	EI322599	IC TA75458S	45-8-415	2-C217,218	EC327372	Polypropylene/C. 0.09μF(J) 50WV	24-22-10
2-IC601	EI323054	IC TA7322P	45-8-419	2-C220	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-IC701to710	EI322599	IC TA75458S	45-8-415	2-C221,222	EC327375	Polypropylene/C. 0.045μF(J) 50WV	24-22-10
2-TR101	ET324134	Transistor 2SA984K(E)(F)	45-1-378	2-C224	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR102	ET309353	Transistor 2SC2274(E)(F)	45-1-335	2-C227,228	EC327141	Polypropylene/C. 0.0225μF(J) 50WV	24-22-10
2-TR103	ET324134	Transistor 2SA984K(E)(F)	45-1-378	2-C230	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR301	ET316171	Transistor 2SC536K-NP(E)(F)	45-1-362	2-C231,232	EC327378	Polypropylene/C. 0.0113μF(J) 50WV	24-22-10
2-TR302	ET323529	Transistor 2SA608K-NP(E)(F)	45-1-375	2-C234	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR401to403	ET316171	Transistor 2SC536K-NP(E)(F)	45-1-362	2-C237,238	EC327199	Styrol/C. 5630PF(J) 50WV	24-11-18
2-TR404	ET323105	Transistor 2SD600(E)(F)	45-1-383	2-C240	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR501	ET316171	Transistor 2SC536K-NP(E)(F)	45-1-362	2-C241,242	EC327390	Styrol/C. 2810PF(J) 50WV	24-11-18
2-TR601	ET327162	FET 2SK117(O)	45-12-15	2-C245	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR602,603	ET316171	Transistor 2SC536K-NP(E)(F)	45-1-362	2-C249,250	EC327381	Styrol/C. 1410PF(J) 50WV	24-11-18
2-TR701to702	ET316171	Transistor 2SC536K-NP(E)(F)	45-1-362	2-C253	EC325272	NP/C. 1μF(M) 50WV	24-17-35
2-TR801	ET311790	Transistor 2SC2238(O)(Y)	45-1-339	2-C401	EC324115	Solid Aluminum/C. 2.2μF(M) 25WV	24-19-3
2-TR802	ET311791	Transistor 2SA968(O)(Y)	45-1-338	2-C502to504	EC321066	Solid Aluminum/C. 0.15μF(K) 25WV	24-19-3
2-D101,102	ED557447	Silicon Diode 1S1588	45-3-22	2-C609to611	EC313825	Solid Aluminum/C. 0.33μF(K) 25WV	24-19-3
2-D401	ED326835	Zener Diode 05Z-8.2U	45-6-76	2-C701	EC327174	Solid Aluminum/C. 1μF(K) 25WV	24-19-3
2-D402	ED557447	Silicon Diode 1S1588	45-3-22	2-C702	EC321066	Solid Aluminum/C. 0.15μF(K) 25WV	24-19-3
2-D601	ED562386	Germanium Diode 1S188AM	45-3-24	2-C703	EC313826	Solid Aluminum/C. 0.1μF(K) 25WV	24-19-3
2-D602	ED557447	Silicon Diode 1S1588	45-3-22	2-C711	EC317415	Solid Aluminum/C. 0.4μF(K) 25WV	24-19-3
2-D701to710	ED557447	Silicon Diode 1S1588	45-3-22	2-C712	EC313826	Solid Aluminum/C. 0.1μF(K) 25WV	24-19-3
2-SW1	ES323368	Remote Push SW. SSR24351D	25-14-502	2-C721	EC321066	Solid Aluminum/C. 0.15μF(K) 25WV	24-19-3
2-VR601	EV321601	Semi-Fixed/Vol. D10 Axial 10kΩ	36-10-281	2-C722	EC313826	Solid Aluminum/C. 0.1μF(K) 25WV	24-19-3
2-RL1	EP323350	Relay L-23M DC12V	47-2-34	2-C731	EC313826	Solid Aluminum/C. 0.1μF(K) 25WV	24-19-3
2-FR101,102	ER327170	Fuse/R. 1/4W 68 ohms(J)	35-14-33				
2-R109,110	ER666178	Carbon/R. F 1/4W 22 ohms(J)	35-11-12				
2-R113	ER322787	Carbon/R. F 1/4WS 10 ohms(J)	35-11-30				
2-R117	ER327198	Carbon/R. F 1/4WS 1.2K(J)	35-11-30				
2-R125,126	ER666178	Carbon/R. F 1/4W 22 ohms(J)	35-11-12				
2-R135,136	ER666178	Carbon/R. F 1/4W 22 ohms(J)	35-11-12				
2-R139	ER327172	Metal Oxide Film/R. F 1W 1.8K(J)	35-19-4				
2-R285,286	ER666178	Carbon/R. F 1/4W 22 ohms(J)	35-11-12				
2-R303	ER327197	Carbon/R. F 1/4WS 390 ohms(J)	35-11-30				
2-R306	ER327197	Carbon/R. F 1/4WS 390 ohms(J)	35-11-30				
2-R806	ER304809	Carbon/R. F 1/4W 47 ohms(J)	35-11-12				
2-C101	EC327171	NP/C. (Vert.) 22μF(M) 25WV	24-17-35				
2-C104	EC327171	NP/C. (Vert.) 22μF(M) 25WV	24-17-35				
2-C120	EC327171	NP/C. (Vert.) 22μF(M) 25WV	24-17-35				
2-C121	EC327176	NP/C. 100μF(M) 16WV	24-17-35				
2-C201,202	EC327246	Metallized Mylar/C. (Vert.) 0.71μF(J) 100WV	24-16-31				
2-C203	EC327174	Solid Aluminum/C. 1μF(K) 25WV	24-19-3				
2-C204	EC327179	NP/C. 10μF(M) 25WV	24-17-35				

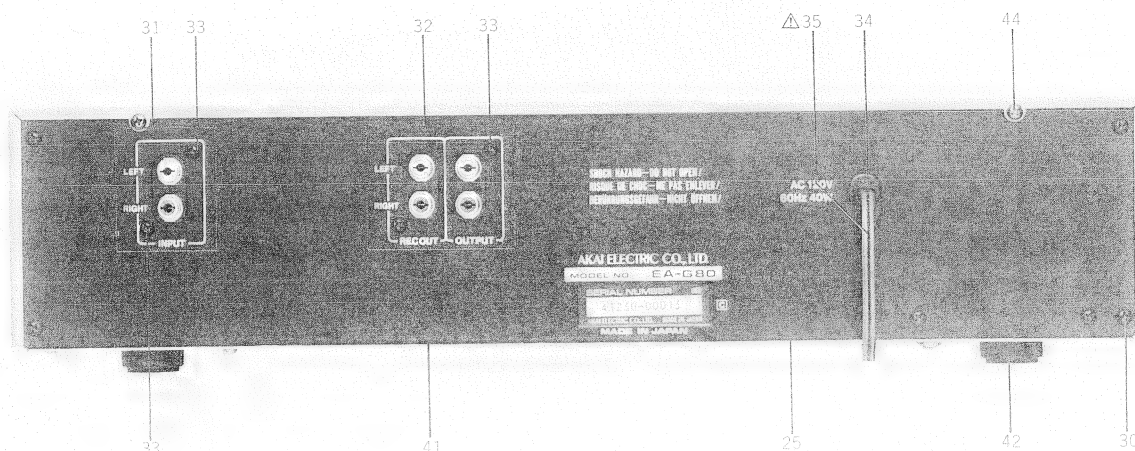
When ordering parts, please quote Parts Number, Description and Model Number.

3. POWER SUPPLY P.C BOARD (EAG-8004A/8028A/8029A) BLOCK

Symbol No.	Parts No.	Description	Schematic No.
3-TR1	ET311790	Transistor 2SC2238(O)(Y)	45-1-339
3-TR2	ET311791	Transistor 2SA968(O)(Y)	45-1-338
3-TR3	ET307195	Transistor 2SC2240(GR)(BL)	45-1-302
3-TR4	ET305463	Transistor 2SA970(GR)(BL)	45-1-303
3-TR5	ET307195	Transistor 2SC2240(GR)(BL)	45-1-302
3-TR6	ET305463	Transistor 2SA970(GR)(BL)	45-1-303
3-D1	ED324912	Silicon Stack 1D4B41	45-2-100
3-D2,3	ED324936	Zener Diode 05Z-16U	45-6-76
3-D4	ED322238	Silicon Stack 1B4B41	45-2-97
3-D5	ED557447	Silicon Diode 1S1588	45-3-22
3-C1to3	EC321088	Metallized Mylar/C. 0.047 μ F(K) 400WV	24-16-23
3-C4to7	EC204671	Ceramic/C. DD31-6E 0.01 μ F(P) 500WV	24-5-66
3-C18	EC321088	Metallized Mylar/C. 0.047 μ F(K) 400WV	24-16-23
3-C19to22	EC204671	Ceramic/C. DD31-6E 0.01 μ F(P) 500WV	24-5-66
3-C23	EC326588	Elect./C. (Vert.) 1000 μ F 10WV	24-12-49

4. ASSEMBLY BLOCK (1)



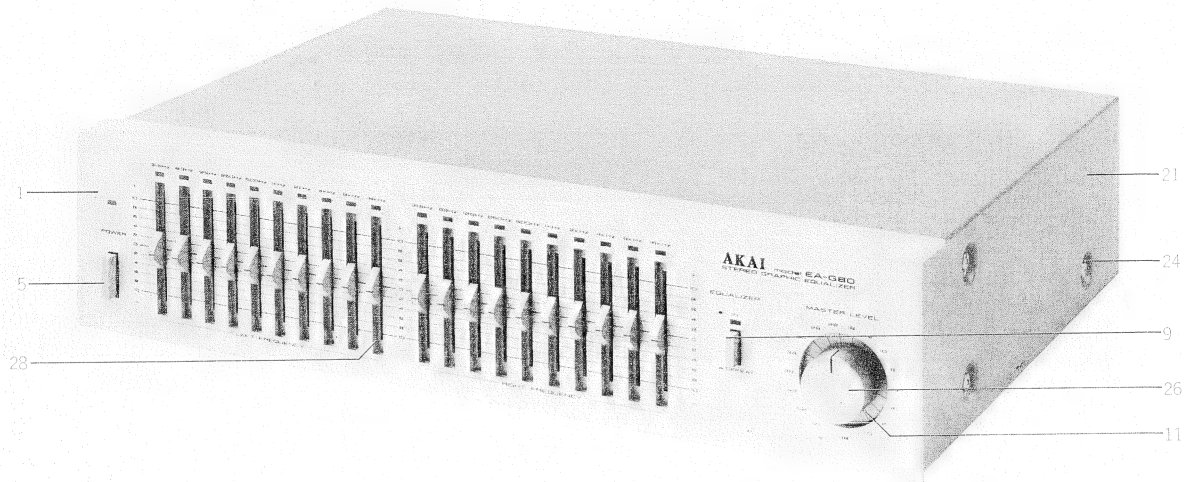


ASSEMBLY BLOCK (1)

Ref. No.	Parts No.	Description	Schematic No.	Ref. No.	Parts No.	Description	Schematic No.
LED P.C BOARD BLOCK				4-23	ZS416687	Screw, Bind 4x8	
4-1	ED322773	LED SLP-255D-01	45-15-37	4-24x	ZW413267	Flange Nut M4	
4-2	ED322772	LED SLP-155D-01	45-15-38	4-25	SP327213	Rear Panel (A) (U/T)	EAG-8020,8021
MASTER VOL. P.C BOARD BLOCK				4-26x	SP327214	Rear Panel (B) (CSA)	EAG-8020,8021
4-3	EV327169	Single-Axial 4-Throw/Vol. AP25G 250KXX2, 20KXX2	36-37-14	4-27x	SP327215	Rear Panel (C) (AAL)	EAG-8020,8022
ASSEMBLY BLOCK				4-28x	SP327217	Rear Panel (D) (CEE)	EAG-8020,8022
4-4	ES310839	△ Push SW. SDG1P-E 5A/80A 250V (Except CSA, AAL)	25-5-310	4-29x	SP327218	Rear Panel (E) (UK, SAA)	EAG-8020,8023
4-5x	ES665875	△ Push SW. SDG1P-J TV-3 UL/CSA (CSA, AAL)	25-5-199	4-30	ZS319460	Tapping Screw, #2 BR 3x6 Oval Neck	7-1-69
4-6	EC321302	△ Ceramic/C. E 0.01μF(Z) 250VAC (U/T)	24-5-90	4-31	EJ308834	2P Pin Jack T-5511	31-5-143
4-7x	EC314688	△ Ceramic/C. DE7150 FZ 0.01μF(P) 125WV (CSA, AAL)	24-5-87	4-32	EJ322581	Pin Jack 4P (Red, White)	32-1-106
4-8x	EC327382	△ MP/C. (Vert.) 0.0047μF(M) 250WV (CEE, UK, SAA)	24-9-134	4-33	ZS522865	Tapping Screw, #2 BR 3x12 (Black)	
4-9	ZS417216	Screw, Pan 3x4		4-34	EZ631945	Strain Relief SR-4N-4 (U/T, CSA, AAL)	2-7-49
4-10	SZ327202	Push Rod	EAG-8014	4-35	EW306428	△ AC Cord (U/T)	26-3-64
4-11	ZS325495	Tapping Screw, #2 BR 3x6		4-36x	EW305691	△ AC Cord CUL (CSA, AAL)	26-3-65
4-12	EV327196	Slide/Vol. VJ4510PVN 250kΩ	36-39-1	4-37x	EJ301513	△ Inlet 2P (CEE, UK, SAA)	31-1-200
4-13	ZS200384	Screw, Countersunk 3x6		4-38x	EW315767	△ AC Cord Set CEE 2 Cores (CEE)	26-3-72
4-14	ES319902	Push Selector SUR510	25-14-102	4-39x	EW302995	△ AC Cord Set BEAB 2 Cores (UK)	26-3-57
4-15	EW327232	Remote Wire	25-14-308	4-40x	EW322401	△ AC Cord Set SAA 2 Cores (SAA)	26-3-77
4-16	ZS462194	Tapping Screw, #2 Pan 3x8 W=8		4-41	SP327220	Bottom Plate	EAG-8025
4-17	ZW324147	Washer (Nylon) D3.1x13x1t		4-42	SA311742	Circular Foot	PC-2032
4-18	ZS447840	Tapping Screw, #2 BR 3x8		4-43x	ZS565942	Tapping Screw, #2 Pan 4x8	
4-19	BT327192	△ Power Trans. EA-G80T-70 (U/T)	38-4-861	4-44	ZS447761	Tapping Screw, #2 BR 3x6 (Black)	
4-20x	BT327193	△ Power Trans. EA-G80T-30 (CSA, AAL)	38-4-862	4-45	EF309387	△ Fuse 1A 250V (U/T)	39-1-64
4-21x	BT327194	△ Power Trans. EA-G80T-40 (CEE)	38-4-863	4-46x	EF327103	△ Fuse 500mA 250V (U/T)	39-1-64
4-22x	BT327195	△ Power Trans. EA-G80T-50 (UK, SAA)	38-4-864	4-47x	EF309392	△ Fuse 1.25A 125V (CSA,AAL)	39-1-65
				4-48x	EF305703	△ Fuse 630mA 125V(CSA,AAL)	39-1-65
				4-49x	EF258344	△ Fuse (Semko T) 800MAT (CEE, UK, SAA)	39-1-53
				4-50x	EF601942	△ Fuse (Semko T) 630MAT (CEE, UK, SAA)	39-1-53

When ordering parts, please quote Parts Number, Description and Model Number.

5. ASSEMBLY BLOCK (2)



ASSEMBLY BLOCK (2)

Ref. No.	Parts No.	Description	Schematic No.
FRONT PANEL BLOCK			
5-1	BD327822	Front Panel Block EA-G80	
5-2x	BD327823	Front Panel Block EA-G80-BL	
5-3x	SE322578	Escutcheon (A)	ATK-2013
5-4x	ZG322579	Spring (A)	ATK-2014
5-5	SB322576	Button (A)	ATK-2012
5-6x	SB322577	Button (A-BL)	ATK-2012
5-7x	SE327206	Escutcheon (B)	EAG-8017
5-8x	ZG322566	Spring	AMU-2050
5-9	SB322557	Button	AMU-2044
5-10x	SB322558	Button (BL)	AMU-2044
5-11	SZ327209	Scale Plate	EAG-8019,8031
5-12x	SZ327210	Scale Plate (BL)	EAG-8019,8031
5-13x	ZS669104	Tapping Screw, #2 Pan 2.3×6	
5-14x	SE327203	Escutcheon (A)	EAG-8015
5-15x	SE327204	Escutcheon (A-BL)	EAG-8015
5-16x	ZW550642	Washer (SPC) D3.1×8×0.5t	
5-17x	ZW273756	Nut, #1 M3	
ASSEMBLY BLOCK			
5-18x	ZW324157	Washer (SPC) D6.2×13×0.25t	
5-19x	ZW324158	Washer (SPC) D6.2×13×0.5t	
5-20x	ZS447840	Tapping Screw, #2 BR 3×8	
5-21	SP327221	Upper Plate (A)	EAG-8026
5-22x	SP327223	Upper Plate (B) (AAL)	EAG-8026
5-23x	SP327222	Upper Plate (A-BL)	EAG-8026
5-24	ZS322570	S-Tight Screw, Bind 4×8	
5-25x	ZS322580	S-Tight Screw, Bind 4×8 (Black)	
5-26	SK327132	Knob (A)	EAG-4017
5-27x	SK327133	Knob (A-BL)	EAG-4017
5-28	SK327134	Knob (B)	EAG-4018
5-29x	SK327135	Knob (B-BL)	EAG-4018
5-30x	ZW305013	Pop Rivet D3.2 (AAL)	7-6-9

When ordering parts, please quote Parts Number, Description and Model Number.

INDEX

1. MODEL EA-G40

Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.
BA327737	2-1	ET324134	2-TR103				
BA327738	2-2	EV327163	3-18				
BA327739	2-3	EV327169	3-3				
BC322209	4-15	EW302995	3-16x				
BC322210	4-17x	EW305691	3-10x				
BC322212	4-16x	EW306428	3-9				
BD327749	4-1	EW315767	3-15x				
BD327750	4-2x	EW322401	3-17x				
BT327164	3-32	EW327156	3-40				
BT327165	3-33x	EZ631945	3-11				
BT327166	3-34x	SA311742	3-22				
BT327167	3-35x	SB322557	4-9				
EC321088	2-C501to503	SB322558	4-10x				
EC325266	3-30	SB322576	4-4				
EC325272	2-C234	SB322577	4-5x				
EC325272	2-C244	SE322578	4-3x				
EC325272	2-C254	SE327129	4-8x				
EC325272	2-C265	SE327130	4-7x				
EC325272	2-C275	SK327132	4-20				
EC327139	2-C261,262	SK327133	4-21x				
EC327141	2-C241,242	SK327134	4-22				
EC327143	2-C231,232	SK327135	4-23x				
EC327144	2-C224	SP327114	3-4				
EC327145	2-C221,222	SP327116	3-5x				
EC327146	2-C214	SP327117	3-6x				
EC327171	2-C101	SP327118	3-7x				
EC327171	2-C104	SP327119	3-8x				
EC327171	2-C120	SZ324432	3-39				
EC327176	2-C121	SZ327127	3-37				
EC327179	2-C204	SZ327128	3-38x				
EC327180	2-C211,212	ZG322566	4-11x				
EC327231	2-C201,202	ZG322579	4-6x				
EC327380	2-C251,252	ZS306021	3-24x				
EC327381	2-C271,272	ZS315511	3-36				
EC327382	3-29	ZS319460	3-13				
EC327382	3-31x	ZS319460	3-45				
ED322772	3-2	ZS322570	4-18				
ED322773	3-1	ZS322580	4-19x				
ED324912	2-D501	ZS325495	2-4				
ED324936	2-D502,503	ZS325495	3-14x				
ED326835	2-D402	ZS417216	3-21				
ED557447	2-D101,102	ZS447840	4-12x				
ED557447	2-D401	ZS462194	3-25				
ED557447	2-D504	ZS477887	3-19x				
EF300586	3-44x	ZS522865	3-26x				
EF306125	3-41	ZS565942	3-23x				
EF309390	3-43x	ZW324157	4-13x				
EF322975	3-42x	ZW324158	4-14x				
EI322599	2-IC201to203						
EI323054	2-IC101to103						
EI323054	2-IC204,205						
EJ293365	2-J14						
EJ301513	3-12x						
EJ312464	2-J1						
EP323350	2-RL1						
ER316802	2-R303						
ER316802	2-R306						
ER322787	2-R113						
ER324934	2-R109,110						
ER324934	2-R125,126						
ER324934	2-R135,136						
ER324934	2-R273,274						
ER327170	2-FR101,102						
ER327172	2-R139						
ER327198	2-R117						
ES310839	3-27						
ES319902	3-20						
ES323368	2-SW1						
ES665875	3-28x						
ET305463	2-TR504						
ET305463	2-TR506						
ET307195	2-TR503						
ET307195	2-TR505						
ET309353	2-TR102						
ET311790	2-TR501						
ET311791	2-TR502						
ET316171	2-TR301						
ET316171	2-TR401,402						
ET323529	2-TR302						
ET324134	2-TR101						

INDEX

2. MODEL EA-G80

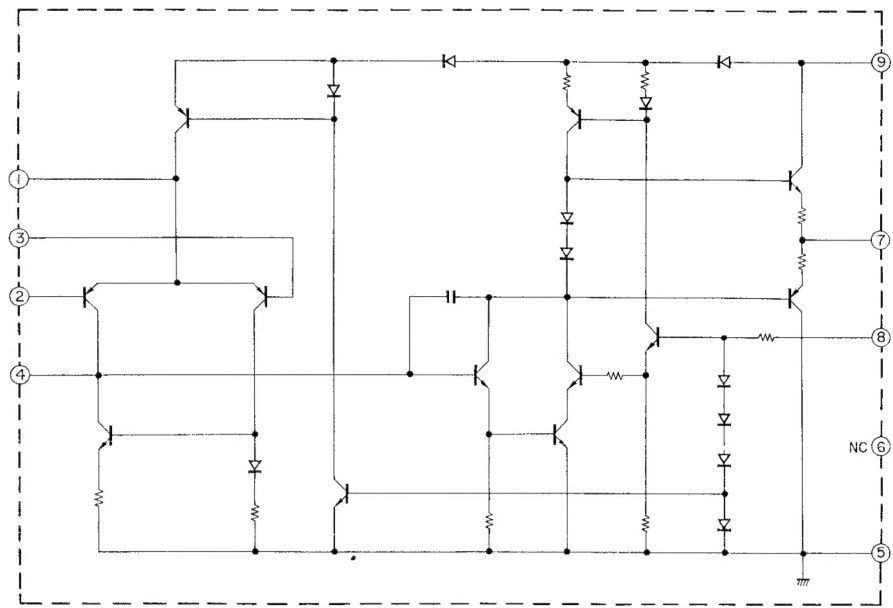
Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.
BA327808	2-1	ER322787	2-R113	ZS462194	4-16		
BD327822	5-1	ER327170	2-FR101,102	ZS522865	4-33		
BD327823	5-2x	ER327172	2-R139	ZS565942	4-43x		
BT327192	4-19	ER327197	2-R303	ZS669104	5-13x		
BT327193	4-20x	ER327197	2-R306	ZW273756	5-17x		
BT327194	4-21x	ER327198	2-R117	ZW305013	5-30x		
BT327195	4-22x	ER666178	2-R109,110	ZW324147	4-17		
EC204671	3-C4to7	ER666178	2-R125,126	ZW324157	5-18x		
EC204671	3-C19to22	ER666178	2-R135,136	ZW324158	5-19x		
EC313825	2-C609to611	ER666178	2-R285,286	ZW413267	4-24x		
EC313826	2-C703	ES310839	4-4	ZW550642	5-16x		
EC313826	2-C712	ES319902	4-14				
EC313826	2-C722	ES323368	2-SW1				
EC313826	2-C731	ES665875	4-5x				
EC314688	4-7x	ET305463	3-TR4				
EC317415	2-C711	ET305463	3-TR6				
EC321066	2-C502to504	ET307195	3-TR3				
EC321066	2-C702	ET307195	3-TR5				
EC321066	2-C721	ET309353	2-TR102				
EC321088	3-C1to3	ET311790	2-TR801				
EC321088	3-C18	ET311790	3-TR1				
EC321302	4-6	ET311791	2-TR802				
EC324115	2-C401	ET311791	3-TR2				
EC325272	2-C220	ET316171	2-TR301				
EC325272	2-C224	ET316171	2-TR401to403				
EC325272	2-C230	ET316171	2-TR501				
EC325272	2-C234	ET316171	2-TR602,603				
EC325272	2-C240	ET316171	2-TR701to720				
EC325272	2-C245	ET323105	2-TR404				
EC325272	2-C253	ET323529	2-TR302				
EC326588	3-C23	ET324134	2-TR101				
EC327141	2-C227,228	ET324134	2-TR103				
EC327144	2-C214	ET327162	2-TR601				
EC327146	2-C210	EV321601	2-VR601				
EC327171	2-C101	EV327169	4-3				
EC327171	2-C104	EV327196	4-12				
EC327171	2-C120	EW302995	4-39x				
EC327174	2-C203	EW305691	4-36x				
EC327174	2-C701	EW306428	4-35				
EC327176	2-C121	EW315767	4-38x				
EC327179	2-C204	EW322401	4-40x				
EC327180	2-C207,208	EW327232	4-15				
EC327199	2-C237,238	EZ631945	4-34				
EC327246	2-C201,202	SA311742	4-42				
EC327371	2-C211,212	SB322557	5-9				
EC327372	2-C217,218	SB322558	5-10x				
EC327375	2-C221,222	SB322576	5-5				
EC327378	2-C231,232	SB322577	5-6x				
EC327381	2-C249,250	SE322578	5-3x				
EC327382	4-8x	SE327203	5-14x				
EC327390	2-C241,242	SE327204	5-15x				
ED322238	3-D4	SE327206	5-7x				
ED322772	4-2	SK327132	5-26				
ED322773	4-1	SK327133	5-27x				
ED324912	3-D1	SK327134	5-28				
ED324936	3-D2,3	SK327135	5-29x				
ED326835	2-D401	SP327213	4-25				
ED557447	2-D101,102	SP327214	4-26x				
ED557447	2-D402	SP327215	4-27x				
ED557447	2-D602	SP327217	4-28x				
ED557447	2-D701to710	SP327218	4-29x				
ED557447	3-D5	SP327220	4-41				
ED562386	2-D601	SP327221	5-21				
EF258344	4-49x	SP327222	5-23x				
EF305703	4-48x	SP327223	5-22x				
EF309387	4-45	SZ327202	4-10				
EF309392	4-47x	SZ327209	5-11				
EF327103	4-46x	SZ327210	5-12x				
EF601942	4-50x	ZG322566	5-8x				
EI322599	2-IC201to204	ZG322579	5-4x				
EI322599	2-IC501	ZS200384	4-13				
EI322599	2-IC701to710	ZS319460	4-30				
EI323054	2-IC101to103	ZS322570	5-24				
EI323054	2-IC205,206	ZS322580	5-25x				
EI323054	2-IC601	ZS325495	4-11				
EJ301513	4-37x	ZS416687	4-23				
EJ308834	4-31	ZS417216	4-9				
EJ322581	4-32	ZS447761	4-44				
EP323350	2-RL1	ZS447840	4-18				
ER304809	2-R806	ZS447840	5-20x				

SECTION 3

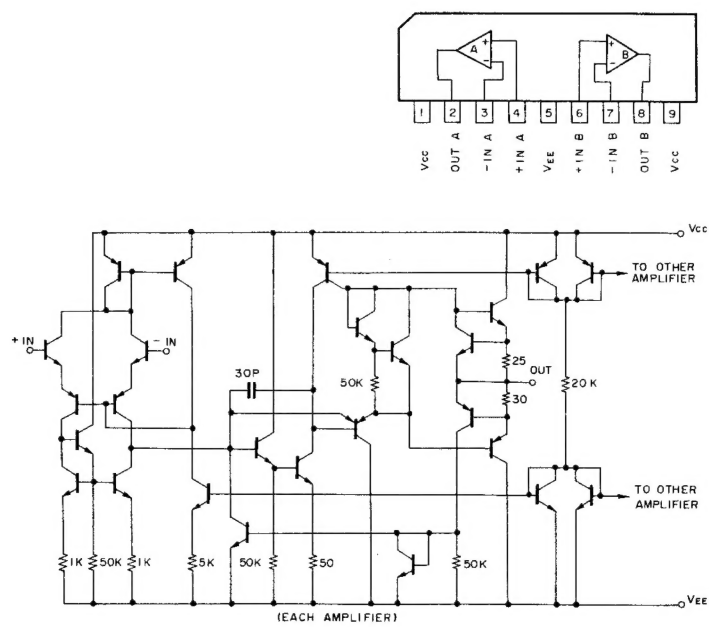
SCHEMATIC DIAGRAM

1. SCHEMATIC DIAGRAM OF ICs
2. EA-G40 NO. 1601018A SCHEMATIC DIAGRAM
3. EA-G80 NO. 1601019A SCHEMATIC DIAGRAM

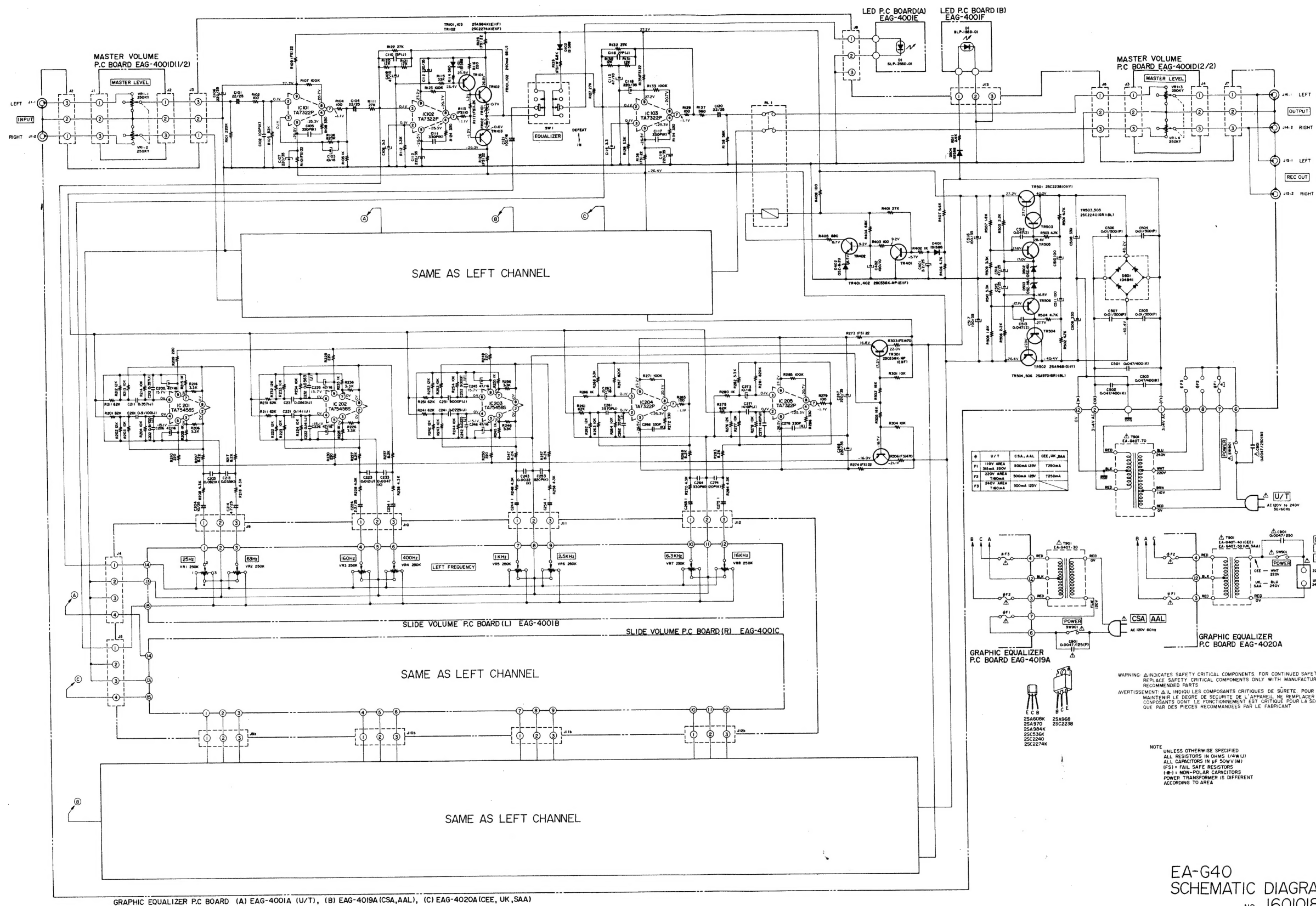
TA7322P



TA75458S



EA-G40



EA-G40
SCHEMATIC DIAGRAM
No. 1601018A

EA-G80

LED P.C BOARD
EAG-8001BMASTER VOLUME P.C BOARD 1/2
EAG-8003LEFT
RIGHT

SAME AS LEFT CHANNEL

MASTER VOLUME P.C BOARD 2/2
EAG-8003

SAME AS LEFT CHANNEL

SLIDE VOLUME P.C BOARD EAG-8002

SAME AS LEFT CHANNEL

SAME AS LEFT CHANNEL

LED P.C BOARD (C) EAG-8027

SAME AS LEFT CHANNEL

GRAPHIC EQUALIZER P.C BOARD EAG-8001A

LED P.C BOARD (B)
EAG-8004B

POWER SUPPLY P.C BOARD (A) EAG-8004A

POWER SUPPLY P.C BOARD (B)
EAG-8028APOWER SUPPLY P.C BOARD (C)
EAG-8029A

WARNING: INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS.
AVERTISSEMENT: A.I. INDIQUE LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR
MAINTENIR LE DEGRÉ DE SÛRETÉ DE L'APPAREIL, NE REMPLACER LES
COMPOSANTS SONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SÛRETÉ
QUE PAR DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS (1/4W, 1%)
ALL CAPACITORS IN μ F 50 WV (10%)
IF 51 = FAIL SAFE RESISTORS
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA

EA-G80
SCHEMATIC DIAGRAM
No. 1601019A